Medical NOVEMBER 1942 Economics





S.M.A. a trade mark of S.M.A. Corporation, for its brand of food especially prepared for Infant fooding—derived from tuberculin-tested covir milit, the fat of which is replaced by enimal and vegetable fets, including biologically tested coding with the addition of milit sugar and potassium chloride; altegether forming an antiractitic food. When diluted according to directions, it is essentially similar to human milk in percentages of pretein, fat, carbohydrate and ssh, in chomical constants of the fat and physical properties.

S.M.A. CORPORATION . 8100 McCORMICK BOULEVARD . CHICAGO, ILLINOIS

Medical Economics

THE BUSINESS MAGAZINE OF



THE MEDICAL PROFESSION

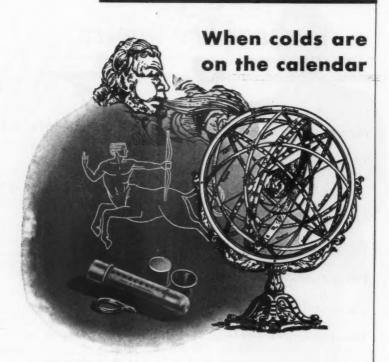
NOVEMBER 1942

Manpower Board Allocates Civilian Doctors. . J. L. Hollister 37 McNutt moves to relieve shortages Adequate Supply of Drugs Available..... George B. Fritz 41 Study routs bugaboo of alarming scarcity A Doctor Who Talks Turkey Anna D. Hunt 42 Orta Kuhn enjoys paying pastime The Procurement of Physicians. . William Alan Richardson 44 Army-navy goal 42,000 for year-end How to tell patients you're leaving Private Hospitals Seen as Poor Risk.....W. P. Morrill, M.D. 48 Owners said to face gloomy outlook A quick review of its scope and functions Form Letters to Conserve your Time.....Arthur Spane 56 Process identical with original typing Medical Conventions for War Needs Only . R. M. MacLelland 59 Next year's medical meeting prospects Soldiers' Relief Act Is Broadened......Stephen Greene 77 Speaking Frankly 6 Navy Doctor Talks 60 Sidelights 27 Army Curbs Rank...... 62 Move or Be Moved..... 35 Aviation Stocks........... 65 Military Questions 51 The Newsvane...

Cover photograph by Ewing Galloway

CIRCULATION: 124,000

H. Sheridan Baketel, A.M., M.D., Editor. William Alan Richardson, Managing Editor. F. H. Rowsome Jr., Associate Editor. Lansing Chapman, Publisher. Russell H. Babb, Advertising Manager. Copyright 1942, Medical Economics, Inc., Rutherford, N. J. 25¢ a copy, \$2 a year.



Whatever other measures you prescribe for head colds or sinusitis, it is worth remembering that BENZEDRINE INHALER is an effective, convenient and inexpensive method of keeping your patients comfortable.

Benzedrine Inhaler

A VOLATILE VASOCONSTRICTOR



Each tube is packed with amphetamine, 325 mg.; oil of lavender, 97 mg.; and menthol, 32 mg. Benzedrine is S.K.F.'s trademark, Reg. U.S. Pat. Off.

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THE precision line on the base of the plunger of B-D Syringes is really a precision line. It is not a vague blotch of color which has to be reconciled to the scale, but a line which matches the lines on the scale.

Precise dosage is facilitated by this

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permanent precision line. It is an extra manufacturing detail that meets the professional desire for accuracy.

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RESISTANCE GLASS

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EXTRA STRONG TIP LOCKS WITH B-D NEEDLES

BECTON, DICKINSON & Co., RUTHERFORD, N. J.



When Inclement Weather Intensifies Pain

Damp and cold weather is a source of discomfort to untold numbers of rheumatic, arthritic, and neuritic patients. For the relief of muscular and joint aches and pains which are intensified during the inclement season, Baume Bengué is doubly advantageous. Its rapidly exerted influence, brought about through cutaneous absorption of methyl salicylate, relaxes tense muscles and alleviates pain. Since it satisfies the patient's usual request for local measures, Baume Bengué in addition to its specific therapeutic properties serves a valuable psychological purpose.

Baume Bengue'
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A QUIET NIGHT

The restless patient is carried over the threshold between night and day without depressing after-effect by the thoroughly established bromides—

PENTABROMIDES

Brand of Combined Bromides

The PALATABLE Bromide Prescription

A non-alcoholic syrup containing a total of 15 grains of five carefully selected and balanced bromidesalts per fluidram. Supplied in pints and gallons.

Write for Sample and Literature

THE WM. S. MERRELL COMPANY

Founded 1898

Cincinnati, U. S. A.

Trade Mark "Pentabromides" Reg. U. S. Pat. Off.

Speaking Frankly



Why not give osteopaths commissions in the medical corps in a minor capacity if they have licenses and have completed interneships? This would release us for more important assignments at home and at the front.

M.D., Massachusetts

Working for Nothing

As the machinery for civilian defense swings into high gear, more and more auxiliary firemen and policemen, nurses' aides, and air raid wardens need physical examinations. Should the war come to this country, they will also need treatment for wounds suffered in the line of duty.

A discussion has arisen among my colleagues regarding fees to be charged these people. We are unable to agree on a general policy. One doctor insists that since the workers are active in home defense they should be given the same consideration as those who may be called upon to fight overseas. He thinks we should do the work free.

Another man points out that volunteer workers retain their jobs in private industry and are therefore able to pay for medical attention. Still another, suggests that the Government underwrite the costs of such service.

The most patriotic among us must admit that our free work is being increased to a point where many of us have hardly enough time to devote to our bread-andbutter patients.

I have argued this question with a number of doctors, and opinions are so varied that I'd like to know what others think.

M.D., New York

Bag-Saver

With drug sources of narcotic addicts being curtailed, the stealing of physicians' bags will probably increase. Here's a simple expedient that on two occasions has led to the return of my bag after it had been stolen.

In a prominent place in my bag I keep a small box with the word "narcotics" on it in large red letters. Inside the box is this note, together with my address: "All narcotics carried in this bag are contained in this box. The placing of this physician's bag where it will be quickly found may save a life. Thanks."

Without such a note I perma-

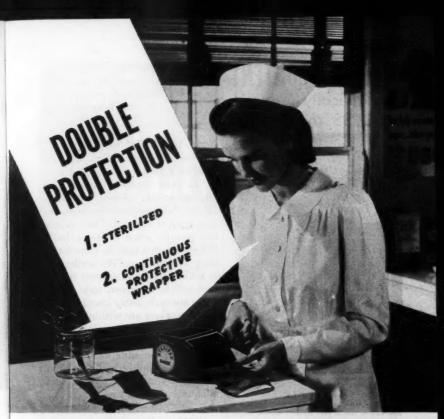
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• Steripak Gauze comes to you sterile—and a continuous overlapping paper wrapper helps to protect it from subsequent contamination. Simply cut off a length through the paper, and you have a clean dressing, untouched by hand. Carton contains 5 yards of 28x24 mesh gauze.

STERIPAK GAUZE ORDER FROM YOUR DEALER

Johnson Johnson NEW BRUNSWICK, N. J. CHICAGO, ILL



• 25-yd. rolls of sterile gauze are also supplied, continuously wrapped in dispensing cartons:

> Red Cross—28 x 24 mesh Raritan—24 x 20 mesh Rutgers—20 x 16 mesh

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Scientifically Reduced to LESS than



SANO cigarettes are a sele way and a sure way to reduce your patient's nicotine intake. Sano provide that substantial reduction in nicotine usually necessary to procure definite physiological improvement. With Sano there is no question about the amount of nicotine elimination. With Sano you encounter none of these variable factors involved in methods which merely attempt to extract nicotine from

WARNING Chamical analyses Chamical analyses control in course cotton and in course cotton read in course cotton read in course cotton reading and cotton reading and copressional course of nicitation (room of nicitation analyse)	tobacco smoke. With Sano, the nicotine is actually removed from the tobacco itself. Samo guerantees always less than 1% nicotine content. Yet Sano are a delightful and satisfying smoke. Cigariites Cigari Pipe Tobacco PREF PROFESSIONAL SAMPLES
H	EALTH CIGAR CO. INC.
	ESSIONAL SAMPLES OF SANO ICTS. NICOTINE CONTENT LISES THAN 1'S
HAME	M.D.
ADDRESS	لاحمددد

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nently lost one bag; with it, my bag has twice been returned within twelve hours.

D. L. Dickerson, M.D. Danville, Ill.

Sees No M.D. Shortage

I am acquainted with the Oklahoma community you referred to in your August editorial on "Resettlement." There are now about 1,500 people living in shacks and trailers near the site where the powder plant is being built. When construction is completed, they will move on. The settlement is within six miles of two towns: and within a sixteen mile radius there are many other communities. These workers are within reach of more physicians than they can possibly need. I think that a true picture of the situation on a national scale would reveal that there are no communities which lack adequate medical care.

M.D., Oklahoma

MEDICAL ECONOMICS possesses no first-hand information about the Oklahoma community in question. The August editorial quoted the U. S. Department of Labor as saying that the town would "soon have a population of from 6,000 to 10,000" yet "in the whole area there is only one physician, and he is 75."

Profit or Patriotism?

As a well-qualified specialist with considerable experience and in good physical condition, I would, if I enlisted, probably be made a major or a lieutenant-commander,

9ti SERVICE

With the increasing demands being made upon the physician's time and energy, the inherent qualities of accuracy and dependability—the crux of Baumanometer service—are contributing factors towards greater community protection.

Call-backs, made necessary by faulty, inaccurate equipment, are time-consuming, annoying . . . in many instances costly. Thus the ability of a Lifetime Baumanometer to provide accurate, trouble-free bloodpressure service, is of even greater importance today . . . it serves to lighten the physician's burden.

Over 250,000 Baumanometers now on active duty on the war and home fronts attest to the outstanding professional endorsement these quality instruments enjoy. The subject of bloodpressure is vital. You are truly deserving of Baumanometer service today.

Ger the SACTS and you will buy a Lifetime Sourcessucies

W. A. BAUM CO., INC. NEW YORK

Baumanometer



at about \$400 a month. I would have to leave home and family, risk many hardships, perhaps my life, and undergo greater personal expense. In fact, the only reason I would have for going into the service is that the country needs me.

I know a Stillson wrench, a paintbrush, or a saw when I see one. I can join the plumbers', painters', or carpenters' union and get a government job at at least \$100 a week, with no expensive uniforms, no high-priced mess, and little risk to my life. I wouldn't have to leave my family for long periods. With a little conscience-warping, I could make myself believe that I was very patriotic. What should I do?

M.D., Texas

First step is to remove tongue from cheek. The second is to let an unwarped conscience be one's guide.

Medical Service Afloat

When I locked up my office for the duration, I was a landlubber en route to destroyer duty as a division medical officer. Before war broke out, the destroyer doctor was responsible for the health of all the men in his division, which meant that he had four ships to look after. Today the policy is to assign a doctor to each destroyer.

When I arrived for duty I found I had a tried and proven assistant in the chief pharmacist's mate. These men rise from the ranks, so they know all the ins and outs



NUMOTIZINE EFFECTIVE IN INJURIES

First aid for many traumatisms—sprains, contusions, strains—includes prompt application of Numotizine.

Taking the place of the customary hot packs or fomentations, Numotizine offers the advantages of cleanliness, simplicity and effectiveness.

With Numotizine, there is no need for applying external heat; no messing with liquids. A gradual reduction in swelling is observed, accompanied by sustained relief of pain. The effect is so prolonged that one treatment lasts all night.

Indications for Numotizine include:

Chest conditions
Sprains, strains, contusions
Pelvic inflammation
Orchitis, epididymitis
Mastitis
Arthritis, Bursitis
Boils

NUMOTIZINE

Supplied in 4 oz., 8 oz., 15 oz. and 30 oz. jars • Literature and clinical samples on request RESEALABLE GLASS JARS . . . NO CONTAMINATION . . . NO WASTE

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MURINE, FOR EYES

A BUFFERED, ISOTONIC COLLYRIUM

As a buffered Collyrium, Murine provides the physician with the advantages of a bland, highly efficient cleansing agent, complementing the normal functions of the tear gland without irritation.

Isotonic with the tears, mildly alkaline, slightly astringent, Murine thoroughly cleanses the conjunctiva, and is therefore indicated in simple conjunctivitis and inflammation due to irritations.

MURINE CONTAINS:

Potassium Bicarbonate, Potassium Borate, Boric Acid, Berberine Hydrochloride, Glycerine, Hydrastin Hydrochloride, Sterilized Water, Merthiolate' (Sodium Ethyl Mercuri Thiosalicylate, Lilly).001%.



We shall be glad to send you further information about Murins, upon request. Please enclose professional card or Rx blank.

THE MURINE CO., INC.

of navy routine. They know how, in general, to care for the sick; how to fill prescriptions; and how to do the usual laboratory work. Also, they are familiar with the vast amount of paper work necessary. They're usually referred to by the crew as "Doc."

Life aboard a destroyer is not exactly smooth sailing. The main deck is awash with the slightest sea, lifelines are rigged whenever the ship is underway, and woe to the man who loses his footing when a heavy sea is shipped. In the "wardroom country"—that part of the ship set aside for officers' quarters—all furniture is secured to the deck.

When officers and men are eating, they loop their elbows around detachable stanchions. The idea is to hold tight with one hand and juggle a bowl of soup with the other.

Sleeping is still another problem. Although officers have regular bunks with inner-spring mattresses, high side boards are needed to prevent sleepers from rolling out.

Taking a shower is likewise a bit disconcerting at times: Since the spray follows Newton's Law, the shower curtain and the side of the ship are alternately drenched while you hold on to a convenient handlebar and wet your epidermis as the spray goes by.

The day under non-combat conditions starts with general quarters—an hour before sunrise—at which time everyone is at his battle station. The medical officer at

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HOMOGENIZED VITAMIN D MILK ean help abolish Vitamin D deficiencies on a communal scale

Higher incidence of rickets among infants from fall until late spring, and the increased tendency toward tooth decay among school children during the same period, are indicative of the broad extent of Vitamin D deficiency during the "sun-poor" months.

Fall and spring sunshine has less than half, and winter sunshine only one-eighth the Vitamin D value of the summer sun. Heavier clothing, more

hours indoors, more cloudy days, more smoke pollution, further impair the meager Vitamin D values of sunshine in autumn, winter and spring.

Homogenized Vitamin D Milk, an important basic food throughout the year, is particularly valuable during the "sun-poor" months. Not only does Homogenized Vitamin D Milk supply calcium and phosphorus in optimal ratio for bone and tooth formation and nourishment—it also supplies a dependable, uniform, tested source of Vitamin D, readily and economically available. If your practice is in a community where a Foundation-licensed dairy is located, why not say, "...and be sure your family gets plenty of Homogenized Vitamin D

Homogenized Vitamin D Milk."

All Foundation-licensed dairies are privileged to use this Seal on their Vitamin D Milk and related advertising. All such milks are tested periodically for Vitamin D potency, whether the Seal appears thereon or not.



WISCONSIN ALUMNI RE	SEARCH FOUNDATION . MADISON, WIS.
VITAMIN D In Nature's Most Nearly Perfect Food D MANS	Please send me your new booklet—"Concise Facts about Homogenized Vitamin D Milk," describing the need and benefits of this important food. Name Address

the battle dressing station must be ready for real or imaginary casualties. First-aid men stand by with stretchers while the chief pharmacist's mate remains with the medical officer. A secondary station is manned by a second class pharmacist's mate.

After sunrise and a hearty breakfast comes sick call. Since medical facilities on destroyers are limited, only treatment of a minor nature is usually given. However, there is a surgical roll on hand so major surgery can be done in ex-

treme emergencies.

"Office hours" last until all patients have been seen; this usually takes no more than an hour. Then the doctor makes up a "binnacle list" of those excused from duty for the day because of illness, and

submits it to the bridge. His next job is to inspect the mess halls, the galley and food, and the cooks.

Following lunch comes a halfhour siesta, sometimes called "bunk drill." The afternoon is spent doing such sundry things as reading, studying, and "chewing the rag."

Lieut. Ernest A. Zinke U.S.S. Tucker

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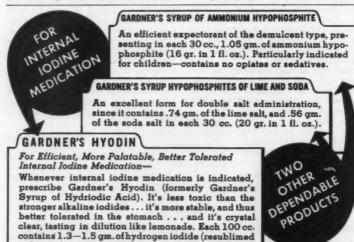
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Draft Board Exam Fees

If you must print such letters as the one in the September issue from the doctor who feels he is entitled to a \$2 fee for draft board examinations, please stop sending me your magazine.

The time any civilian doctor gives his country is pretty small, considering how much draftees are giving up. I have been examin-



FIRM OF R. W. GARDNER

(Est. 1878)

iodine value averages .85 gr. in each 4 cc.). Dosage:

1 to 3 tsp. in 1/2 glass water 1/2 hr. before meals. ORANGE, N. J. All available in 4 and . 8-oz. bottles. Samples and literature on request.

ith doctors and nurses joining the armed forces daily, you, who are assisting the war effort at home by maintaining civilian health, have a greatly increased task.

To help in some measure decrease your heavy task, we are calling to the attention of the general public the fact that fruits and fruit juices should be a part of the wellbalanced daily diet.

Since pineapple juice, grapefruit juice, orange juice, and tomato juice are all good sources of vitamins B₁ and C, we are suggesting in our advertising that use of these juices be rotated.

Such alternate use is advised for two reasons. First, because of the nutritional benefits, and second, because Government requirements of some fruit juices have decreased the quantities available for civilian consumption. From the pack of the calendar year 1942, the Government requires about one out of every three cans of Dole Hawaiian Pineapple and about one out of every four cans of Dole Hawaiian Pineapple Juice.

We are cooperating with the National Nutrition Program by featuring in our advertising the combination of pineapple with dairy products, vegetables, other fruits, meats, and seafood.

All of this advertising carries the Seal of Approval of the Council on Foods of the American Medical Association.

DOLE Hawaiian Pineapple Products

FROM HAWAII, U.S. A.



helps combat TRICHOPHYTOSIS

. . . for the armed forces and the home forces

The incidence of Trichophytosis (Athlete's Foot) has increased amazingly during the last ten years.

This skin affection often responds to repeated applications of aqueous or alcoholic Iodine solutions. The 2% U.S.P. Mild Tincture of Iodine is usually well tolerated by the skin, either normal or blistered. The 7% Tincture is not recommended for this purpose.

Send for Iodine booklet written expressly for physicians. Address Department B-11.

IODINE

DEPENDABLE . INEXPENSIVE

Iodine Educational Bureau, Inc.
120 BROADWAY NEW YORK, N. Y.

ing on a local draft board for the past two years. If the board offers to pay me, I'll resign.

Edward W. Keefer, M.D. Springfield, Ohio

Army Life Tougher

So "M.D., North Carolina," is worried about how much time he spends at the draft board I only hope he read the letter preceding his, which explained very neatly the problem of the M.D. in the army. My husband volunteered some time ago. For a while he worked at an induction center where civilian doctors who helped out were getting \$15 for half a day's work. How do you suppose this makes the boys in uniform feel?

Medical Officer's Wife

"Pain in the Neck"

The letter from that North Carolina practitioner in the September issue gave me a pain in the neck. How can any self-respecting doctor complain that draft board work "has taken so much time and has been so laborious" that he should receive payment for future examinations? What does he think of the boys of Bataan and Corregidor?

Haven't their duties been long and laborious, too?

Medical Officer's Wife

Pictures in this Issue

Page 38, Press Association; 52, 54, 55, U.S. Public Health Service- 57, Hooven Letters Inc.



In Whooping Cough

DIATUSSIN

MATIC RELIEF. ITS PALATABILITY IS

ACCEPTABLE TO CHILDREN OF ALL

AGES AND ITS EFFICACY IN DROP DOSES

Supplied in 6 c.c. dropper-stoppered bottles Also in syrup form

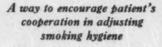
MAKES IT ECONOMICAL MEDICATION



ERNST BISCHOFF COMPANY, INCORPORATED

Smoking... Nicotine

and the Strain of CURRENT LIFE



N these unsettled times, individuals may tend to display baffling, subclinical symptoms. The relationship of these symptoms to smoking and nicotine absorption can be an interesting subject for exploration.

However, the success of the physician's program is dependent upon the patients' full cooperation.

Your recommendation of Camel cigarettes can be an aid in this direction. Millions of smokers favor slow-burning Camels for their extra "pleasure factor" —true mildness, rare flavor.

Given adequate support by patients, the physician may find case histories more reliable. In addition, the segregation of such data may facilitate valuable group analyses.

*The Military Surgeon, Vol. 89, No. 1, p. 5, July, 1941 J. A. M. A., 93:1110 — October 12, 1929 Brückner, H. — Die Biochemie des Tabals, 1936

"THE CIGARETTE, THE SOLDIER, AND THE PHYSICIAN," The Military Surgeon, July, 1941. Reprint available. Write Camel Cigarettes, Medical Relations Division, 1 Pershing Square, New York City.



-the cigarette of Costlier Tobaccos

GUINNESS

might have been made for times like these





WHEN nerves are strained, when overwork causes unusual fatigue—or when a corrective to constipation and stimulus to appetite and secretion are needed—Guinness Stout is one thing to consider.

Doctors in America recently reported 17 conditions for which they use Guinness Stout. Practitioners have long made Guinness a routine adjuvant in pregnancy and lactation, in convalescence, for increasing the appetite and adding weight, and for insomnia.

For older people, Guinness is a stimulating and appetizing food; the energy expense of digesting it is low.

Brewed in Dublin, Ireland, since 1759, Guinness Stout matures naturally. Only four ingredients are used: barley-malt, hops, water, and special Guinness yeasts. Unlike other stouts and porters, Guinness is unfiltered and unpasteurized. Re-

tains active yeasts—its natural goodness. Obtainable wherever good ales are sold.

Bio-chemists' reports on Guinness Stout will be sent to doctors if requested on professional letterheads, Ask for any or all of these professional bulletins:

- 1. The Metabolism of Alcohol
- 2. The Effect of Alcohol on Gastric Secretion
- 3. The Vitamin B Complex in Malt Beverages
- 4. The Effect of Alcohol on Gastric Digestion
- 5. The Effect of Alcohol on the Cardiovascular System
- 6. File eard, showing analysis and indications
- 7. Summary of Guinness uses, reported by several hundred doctors throughout the United States

Address: American Correspondent, A. Guinness, Son & Co., Ltd., Dept. ME-268, 501 Fifth Avenue, New York, N. Y. (Sole Dist. for U. S. A., W. A. Taylor & Co., N. Y.)

POTENT SOURCE OF VITAMIN B COMPLEX For Intramuscular and Subcutaneous Use

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Brand of B Vitamins

Provides High Potency in B Factors of Known Therapeutic Importance, Supplemented by Whole B Complex from Liver.

This physiologically balanced preparation for parenteral administration assures adequate intake of those vitamin B factors of known imporrance in human nutrition, supported by the complete B complex as supplied by liver extract.

Sevitam provides rapid therapeutic response with small, well-tolerated doses.

CEITION	2000 U.S.P. units
Vitamin B: Hydrochloride, 6.0 mg.) (Thiamine Hydrochloride, 6.0 mg.)	1.0 mg- 15.0 mg- 0.5 mg- 0.25 mg-
Vitamin B. (Thiamine Hydrochloride, 0.0 mgs. Vitamin B. (Riboflavin) Nicotinamide Vitamin B. (Pyridoxine Hydrochloride) Vitamin B. (Pyridoxine Hydrochloride) Calcium d-Pantothenate All other factors of the vitamin B cor	nplex as derived from liver extract. Alcohol and 0.5% Phenol
All other factors of Also contains 2% Bender	E Perponse to initial dose

1 cc. injected intramuscularly or subcutaneously. Response to initial doses RECOMMENDED DOSAGE ect. injected intramuscularity of subcuraneously, response to inmut closes and the individual patient's condition may necessitate slight decreases or

increases from this amount.

Available in 5 cc. and in 10 cc. puncturable rubber-stoppered vials. PACKAGE SIZES

Write for literature and free clinical package LOESER LABORATORY, INC.

(Subsidiary of The Wm. S. Merrell Co.)

37 West 26th Street New York N Y. The symbol of dependable parenteral medication

Conserve on Sutures?

How in the world can a doctor do that?

On FIRST THOUGHT, suture conservation may sound impractical. But a careful study of your operating room procedures and operating technique may reveal important and practical answers. Suggestions have already been made to our representatives that convince us that this appeal from the Army and Navy Munitions Board is going to get action from the surgeons and hospitals of America. The appeal follows . . .

"... This office bas requested the Division of Medical Sciences of the National Research Council to formulate and promote suitable measures which would encourage conservation of sutures in domestic surgical practice. It is felt that your organization, through its advertising and sales functions, can also assist materially in such a conservation program. Therefore, this office suggests that you consider such procedures as might contribute to this end." CLIFFORD V. MORGAN, COL. MEDICAL CORPS, A. N. M. B. CONTACT OFFICER, DRUGS RESOURCES ADVISORY COMMITTEE.



While surgeons will find their own individual ways of conserving—practices best suited to the personally preferred techniques—it is hoped that they will share their experiences with others.

Suggestions reaching us through our representatives from the surgeons and hospitals of the nation will be passed on to the profession at large in the same spirit of helpfulness in which the following are submitted.



Army-Navy Production Award presented to our plant and employees for high achievement in war production.

* * * * * *

SURGEONS FIND THESE CONSERVATION IDEAS PRACTICAL AND RESULTFUL.

Step down at least one gauge—for example, where you are now accustomed to using size 2 plain and size 0 chromic, try sizes 1 and 00. Smaller

sizes use fewer ribbons or ply, those saved will make more strands.

Open the "last" tube when it's needed—it is appreciated that the need for saving valuable seconds during the operation prompts the suture nurse to open plenty of catgut so it will be instantly available. But many times that "last"

> strand isn't needed, so 60" of catgut are thrown away. Your suture nurse can help you make economies by opening that "last" tube speedily if it's needed.



LEWIS MANUFACTURING CO . BAUER & BLACK . Divisions of The Kendall Company . Chicago

tion





You who guide the mothers in applying U. S. Nutritional Food Rules to daily meal planning will want to be up to date on NUCOA. For, in households operating on limited budgets, NUCOA can be a yery real factor in the success of the National Nutrition Program.

NUCOA is America's most popular margarine. In delicious flavor... evenly smooth-churned, spreadable texture... vitamin value... it is entirely different from old-time

Nutritions N

ONE OF AMERICA'S GOOD "PROTECTIVIVITAL

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oils p

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Uncle Sam depends on

e "US strong"...

NUCOA, the nutritious modern margarine with VITAMIN A, helps balance the diet and the budget, too!



margarines. It was the first margarine to be made wholly from vegetable oils—and from vegetable oils produced on American farms

tive VITAMIN A.

Why not familiarize yourself with NUCOA in your own home?
You will then have no hesitancy in recommending NUCOA wherever it can further the success of our National Nutrition Program.

exclusively. It was also the first

margarine to add precious, protec-

NUTRITIONAL HONORS LIST FOR NUCOA

- Never less than 9,000 U.S.P. units of VITA-MIN A guaranteed in each pound of NUCOA.
- 2 One-fourth of an adult's and one-third of a child's daily minimum requirement of VITA-MIN A in each 2 oz. of NUCOA.
- 3 As much food-energy (3,300 calories per pound) in NUCOA as in butter. And NUCOA is equally digestible (over 96%).
- 4 A delicious spread whose chief ingredients pure vegetable oils churned in fresh pasteurized skim milk—are products of American farms exclusively.
- 5 Always fresh in flavor, with fine keeping quality, because freshly made the year round on order only—never held in storage.
- 6 Easy to cream . . . easy to spread . . . never "flaky," even when cold. NUCOA's smoothchurned texture saves time in spreading sandwiches and in stirring up cake batters.
- 7 A budget stretcher that leaves more to spend for other "Good Nutrition" foods. The saving per pound on NUCOA is about enough to buy a quart of milk.

∠ NUCOA

ECTIVIVITAMIN A" FOODS

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Meat ...

and the Diet in Chronic Diarrheic States

THE functional changes occurring in chronic diarrhea, regardless of cause, are apt to exert a far-reaching influence on the nutritional state. The frequency of evacuation and the watery consistency of the stools are indicative of the hurried passage of the intestinal contents through the tract. In consequence, absorption of specific nutrients and of water is lessened, leading to dehydration and nutritional imbalance.

While the organism may call upon stored body fat to satisfy energy requirements, no such reserve is available for protein, vitamin, and mineral needs. Hence the dietary must provide these essential nutrients in amounts sufficient to compensate for those lost.

Lean meat has been found of excellent value in the dietary of the diarrheic patient. It provides protein not only of high biologic value, but also in such quantity that no excessive amount of food need be given. It contributes to vitamin and mineral requirements since it is a good source of thiamine, riboflavin, and niacin, as well as iron, copper, and phosphorus. From a mechanical standpoint, meat is thoroughly bland, hence does not unduly stimulate intestinal peristalsis.

Perla, David, and Marmorston, Jessie: Natural Resistance and Clinical Medicine. Boston; Little Brown & Co., 1941.



The Seal of Acceptance denotes that the statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

American Meat Institute



We don't want to carry this bird symbolism too far, but after the stork has packed his bag and left, (that's you, Doctor) there's another bird ready and willing to step in and give the new arrival the right bathtub start in life.



It's sure to be the *right* bathtub start when Swan's in baby's bathinette or tub. For Swan is as pure as the finest castiles. In fact, there is no purer soap than Swan!

Swan contains no free fatty acids, no harmful alkalis, no coloring matter, no strong perfume.

Swan's mildness, too, has been proved

by laboratory tests to be greater than even the finest imported castiles.

And aside from its important superiority in purity and mildness, Swan is downright pleasant for you and your patients to use. Even in hard water, Swangivesrich, long-lasting suds quicker than other floating soaps. And Swan is more real soap for the money than any leading toilet soap tested.



Try Swan. Have your patients try it. It is the first really new white floating soap in over 50 years. You'd expect it to be a lot better than old-time floating soaps—and Swan is!



SWAN PURE, WHITE SOAP

MADE BY LEVER BROS. CO., CAMBRIDGE, MASS.

ARGYROL NO CILIARY INJURY



FOR SAFE ANTISEPSIS PLUS DECONGESTION

It has BEEN pointed out by many authors I that the "ciliary sweep" plays an important role in throwing off upper respiratory infections. Thus a mucous membrane antiseptic which injures the cilia is defeating its own end. ARGYROL produces me ciliary injury. This is one reason why, in over 40 years of world-wide use, ARGYROL has established a remarkable record of effectiveness and safety in ridding the mucous membranes of infection. Other important reasons are:

No Systemic Toxicity: No case of systemic toxicity due to ARGYROL has ever been noted—and this despite the fact that it has been instilled into cavities as the sinuses, the bladder, and the renal pelvis where it might be unsafe to employ some of the toxic metal solutions.

Decongestion Without Vasoconstriction:

The continued use of vasoconstrictors may lead to sogginess and loss of tissue resilienger, ARGYROL lessens turgescence but includes no powerful artificial vasoconstriction.

Unique Physical Properties: ARGYROL is more than just a simple chemical germ-killer. It is pus-dislodging, soothing, and inflammation-dispelling. By stimulating the mucous cells it effects a "physiological washing of the mucous surface."

Controlled pH and pAg — Ultra-Fine Colloided Dispersion. The hydrogen ion and silver ion concentrations of ARGYROL are so regulated that solutions of any strength from 1% to 50% are equally bland and non-irritating. This is not true of all other mild silver proteins. In addition, genuine ARGYROL has a much finer colloidal dispersion and a more active Brownian movement.

A. C. BARNES COMPANY, NEW BRUNSWICK, N. J.

ANTISEPTIC EFFICIENCY PLUS

- 1. SOOTHING AND INFLAMMATION-DISPELLING PROPERTIES
- 2. NO CILIARY INJURY-NO TISSUE IRRITATION
- 3. NO SYSTEMIC TOXICITY
- 4. NO PULMONARY COMPLICATIONS
- 5. DECONGESTION WITHOUT VASOCONSTRICTION

SPECIFY THE ORIGINAL ARGYROL PACKAGE

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~Sidelights ~

If current proposals for a permanent selective service system take shape, the medical profession will be called upon for military duty in peace as well as in war. The War Department is studying a plan which would require short terms of service from every male reaching manhood. After a period of active duty, selectees would be placed in reserve corps for specified terms.

Although the idea is still in its infancy, enough preliminary planning has been done to indicate that there probably will be a peacetime army in which service will be obligatory. This means that even after the present war is over, a number of doctors must count on giving time to military obligations. It also suggests that medical students will face some interruption in their education, since men presumably will be called somewhere between 18 and 21 years of age.



The civilian medical defense program has entered an important new phase. Basic organization has been completed. Units

points. And personnel to man them has been carefully trained.

The problem now is to maintain interest. Only if this is done will the units be at top efficiency when emergency strikes.

Volunteers who find no opportunity to employ the techniques they have learned quite naturally lost interest. Hence the importance of frequent drills to keep first-aiders, stretcher-bearers, and ambulance crews in practice. Periodic checkups to make sure each station is adequately equipped and ready for action at all times are likewise essential. Enthusiasm must be kept at a high pitch if the program is to function smoothly when it is most needed.



The growing demand for older men and women to serve on the home front in place of those who have been called into the armed forces suggests that geriatrics will play an important role in the war.

As the manpower shortage grows more crucial, industry will need to draw heavily on the 13,-000,000 Americans over sixty. With a minimum of conditioning, many have been set up at most strategic of these people can be physically

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rehabilitated so as to fill the thin-

ning ranks of labor.

Industry has found that certain tasks can be performed well even by skilled workers in their seventies. Ford employs men in their seventies even when they are blind, crippled, or afflicted with chronic disease. Germany uses old men in munitions factories.

A number of firms in this country have conducted studies to determine the types of work best suited to employes whose full usefulness has declined because of age. The labor departments of several States (e.g., California and Pennsylvania) are encouraging industry to find places for elderly workers. Already half a million men and women past 65 have refused to retire on government pensions, and more than 20,000 who formerly drew social security benefits have gone back to work.

Older workers are obviously handicapped when high speed or great physical strength are required. What's more, old men who have been idle for years often need medical attention before going back to work. But this does not

justify blanket rejection of workers on an age basis. The problem of rehabilitating the aged, far from being a deterrent, is an unparalleled opportunity for the geriatri-

Physicians active in this field suggest thorough physical examinations for older men to determine at which level they can function without impairing their health. It has been found that many are ready to go to work after minor physical defects have been corrected. Usually needed are a careful check of the cardiovascular system, estimation of renal function, and correction of hernia, hemorrhoids, varicose veins, varicose ulcers, errors of refraction, precancerous dermatoses, dermophytosis, and obesity.

After encouraging older people to resume work, some doctors are cooperating with placement bureaus and personnel managers by estimating the amount of physical labor their patients can stand. Persons with arterial hypertension, diabetes, or peptic ulcer, for example, are being employed as

[Continued on page 136]

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IT WORKS

just as well for Asthma. Sinusitis and Coryza as it does for Hay Fever.

> Trial is Proof. Use Coupon.





THE THERAPEUTIC USES OF WINE

(mailed free upon request)

There has developed an interest within the medical profession that the true physiologic and therapeutic uses and deficiencies (and also the food values) of wine be authoritatively reviewed. Such a review has been prepared in monograph form by qualified and competent medical authorities and constitutes a summary of the pertinent scientific literature of present-day medicine.

Contents include sections on wine as a food and on the actions of wine on the gastro-intestinal system, the cardio-vascular system, the genito-urinary system, the nervous system and the muscles, and the respiratory system. The uses of wine in diabetes mellitus, in acute infectious diseases and in treatment of the aged and

convalescent are also discussed. The value of wine as a vehicle for medication is dealt with, and a section on the contraindications to the use of wine is included. A bibliography is presented for those who may wish to pursue the subject further.

This review results from a study supported by the Wine Advisory Board, an agricultural industry administrative agency established under the California Marketing Act, and has been sponsored by the Society of Medical Friends of Wine.

Members of the medical profes-

sion are invited to write for this monograph. Requests should be made to Wine Advisory Board, 85 Second St., San Francisco.



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AREN'T HIGH-ENERGY DIETS INDICATED?

THINK over all your patients.

Don't you find that there is hardly a person who isn't working harder and longer these days?

There are the men and women who have gone into war plants—the bookkeepers who now wield rivet guns—the bridge club that now rolls bandages or drives Red Cross cars. Even that bank president walks to work now—and puts on an air raid warden's helmet at night.

As a physician you recognize that such an increase in energy consumption calls for a corresponding change in diet — an increase in energy-foods.

And you know that of all foods, bread is our best source of food-energy — that it is a basic food for a high-energy diet — the

food that merits a primary place in most dietary recommendations.

Bread finds ready acceptance with your patients. It tastes good — satisfies hunger — and it's easily digested.

Today even the white bread which most people prefer can be considered for its extra nutritive qualities. For most bakers supply it enriched with Vitamin B₁, nicotinic acid and iron in amounts as recommended by the Food and Nutrition Board of the National Research Council.

So, more than ever, bread deserves its high place among energy-foods — especially enriched white bread.

Bread is basic in the diet of a nation working to win.

Bread is basic

Most Good Bread is Made with Fleischmann's Yeast

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1. Gallup, G. 2. Gallup, G



EVEN AN ANT CASTS A SHADOW

 A single ant is frail and inconsequential, yet, magnified by numbers, its small efforts have cut the floor from under man's feet and brought the roof crashing about his head.

The common cold is likewise of little importance in itself: nearly everyone has experienced its debilitating but transient effects, and it is generally regarded as little more than a nuisance.

Nevertheless, accurate, nationwide surveys, conducted last winter, show that one-half of all worktime lost in War Industries as a result of illness is lost because of the common cold, 1 and, during a single four-week period, colds removed about 1,600,000 man-days of work from our industrial war effort alone.2

The situation with regard to the nation as a whole is described by the report that 23,000,000 persons in the United States had colds during the week ending February 24, 1942.1

The incidence and severity of the common cold may be considerably reduced by oral immunization against specific bacteria believed responsible for its more acute symptoms.

'Vacagen' Oral Cold Vaccine Tablets are exceptionally effective because each is entericcoated and provides the water-soluble antigens derived from 60,000 million living organisms of ten different types:

Pneumococcus* (Diplococcus pn

15,000 million Influenza bacillus (Hemophilus influenzae)
5,000 million

M. Catarrhalis (Neisseria catarrhalis)

5,000 million Friedlander bacillus (Klebsiella pneumoniae) 5,000 million

Staphylococcus (aureus) .5,000 million *Types 1, 2 and 3

'Vacagen' Oral Cold Vaccine Tablets are sup-

plied in vials of 20, and in bottles of 100, 500, and 1,000.

VACAGEN OF AL COLD VACA Gallup, G.: American Institute of Public Opinion Survey, March 1, 1943
 Gallup, G.: American Institute of Fublic Opinion Survey, Dec. 29, 1941

Feed the Infant-from the Moment of Conception



To safeguard against the later development of deficiency diseases such as rickets, and, on the positive side, to insure maximum growth and development, it is essential to "feed the infant not only from the moment of birth but from the moment of conception."*

A pleasant, easily digested and highly effective method of stepping up the intake of vital protein, calcium and vitamins during pregnancy is provided in

HORLICK'S FORTIFIED

Protein—Horlick's provides the biologically complete proteins of milk supplemented by those from wheat and malted barley.

Caleium—Prepared with milk, Horlick's is rich in the vital bone and toothbuilding elements, calcium and phosphorus.

Vitamins—Provides an adult daily minimum requirement of A, B₁ and D and 50% of G.

Recommend HORLICK'S

The Complete Malted Milk-Not Just a Malt Flavoring for Milk.

*Toverud, R.U.: Acta Paediat, 17:136, 1935

HORLICK'S

GLYCO-THYMOLINE

Aids in the removal of sticky mucous secretions

Soothes the irritated oral mucous membrane

Favors a speedy return to normal conditions

In COLDS and Sore Throats



KRESS & OWEN COMPANY, 361-363 Pearl Street, New York

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Designed FOR YOUR PRESCRIPTION



Council-Accepted For Your Protection

The painstaking research and careful laboratory control which form a background for the long list of Flint-Eaton Council-Accepted products have resulted in their wide prescription by the medical profession throughout the country.

Outstanding among Flint-Eaton Specialties are:

Calcium Gluconate Effervescent (Flint)—a palatable, sparkling, effervescent form of calcium gluconate, which encourages routine administration.

Sulfanilamide Tablets (Flint)—easily administered, convenient form of this valuable treatment for hemolytic streptococcus and gonococcus infections. Supplied in 1, 5 and 7.7 gr. tablets.

Thiamine Hydrochloride Tablets and Ampuls (Flint)—indicated where metabolism is augmented as in febrile conditions, hyperthyroidism, vigorous muscular activity; in anorexia and retarded growth when due to thiamine deficiency. Supplied in: Tablets—1, 5 and 10 mg. Ampuls—1 cc. 10 mg. Vials—15 cc. 10 mg. per cc., 15 cc. 25 mg. per cc., 15 cc. 50 mg. per cc.

In addition, the following dosage forms and products are Council-Accepted:

Sulfathiazole Tablets, 7.7 gr. Sulfapyridine Tablets 7.7 gr. Mercuric Succinimide Ampul, 1/6 gr. 1 cc. size

Caffeine-Sodium Benzoate Ampul 0.5 Gram 2 cc. size.

Niacin Tablet, 25 mg. Niacinamide Tablet, 50 mg. Niacinamide Ampul Vial, 50 mg. per cc. 15 cc. size

Oleum Percomorphum 8 cc. dropper bottle

Pentobarbital-Sodium Capsules, ½ gr., ¾ gr., 1 gr., 1½ gr.

Phenobarbital Tablets, ¼ gr., ½ gr., 1½ gr., or white

Dextrose Ampuls 50% (W/V) 20 cc., 50 cc., 100 cc.

FLINT, EATON & COMPANY

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Move or Be Moved

Physicians who have taken the trouble to read the recent speeches and Congressional testimony of Paul V. McNutt, Chairman of the War Manpower Commission, harbor little doubt now (if they ever harbored any) about the social philosophy that will guide the former Governor in his new job of redistributing doctors.

Mr. McNutt casts a skeptical eye at advocates of the voluntary approach. Only by compulsion, he believes, can we adequately relieve shortages of physicians caused by the phenomenal population growth of war production areas and by the commissioning of so many doctors in the armed forces.

Maybe Mr. McNutt is right. Time alone will tell whether or not compulsion is the only answer. Meanwhile, the man with the small black bag asks: "Why not at least give voluntary methods a fair trial first?"

Actually they will be given a trial. But there is no assurance that it will be more than a per-

functory sop to the profession. Mr. McNutt pats us on the head with the remark that "It is well to give the voluntary system every chance." Yet he has told a Congressional committee that "We must be realistic about this thing," adding that in his opinion compulsion is "inevitable" (see "Manpower Board Undertakes to Allocate Civilian Doctors," in this issue).

The manpower chairman's prejudice means two strikes against any program the profession launches to solve voluntarily the problem of its own maldistribution. Still, those two strikes do not put us out. So let's examine some of the things that we ourselves can do without any compulsion.

In the first place, we can, through our State medical associations, discourage the commissioning of doctors who are truly essential on the home front and who cannot be replaced.

In the second place, we can make the best use of available replacements. These include women practitioners, aliens, elderly men who

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can be recalled from retirement, and recent graduates physically disqualified for military service. More than 5,400 women doctors filled out the enrollment blanks of the Procurement and Assignment Service. Many of the 6,000 alien physicians in the country have indicated their desire to serve. The procurement service reports 27,000 M.D.'s over 60, two-thirds of whom, it says, are effective.

Surgeon General Thomas Parran of the U.S. Public Health Service has commented in This Week on two of these groups. Says he: "Alien physicians of proved competence, and who have a clean bill of health from the FBI, would do valuable work and release many of our own doctors now on duty. . . Competent woman physicians should take the places of younger men on hospital staffs. They can be a valuable supplement to the work of industrial hygiene experts in factories by caring for the families of workers."

Dr. Parran also makes it clear that physicians might well encourage the individual and family to make the best of things. "Every housewife," he notes, "should take advantage of the training given by the Red Cross in first aid, home nursing, and nutrition. Such training fits them to give more intelligent care to their families when illness comes, with the minimum of professional supervision.

"Patients can do much to save the time of a busy doctor. Those not critically ill should spare him night calls. Those who can get about should see him at his office instead of asking him to come to their homes."

In addition, everything possible should be done to give impetus to the current program of training physicians for work in industry. In more than one industrial community there are enough doctors, but there aren't enough of the right kind.

An oft-mentioned obstacle in the way of relocating physicians is State licensure. It is well to remember here that a deficiency can often be made up by utilizing physicians who practice in the State where it exists. Barring that, it may be possible to import practitioners with licenses in that State. From among the medical men licensed in several States, some are undoubtedly available.

An editorial on this page last August offered the suggestion that in a number of cases, either as a temporary expedient or as a permanent measure, practitioners from towns near each other try serving the area on a rotating basis, perhaps setting up an office where they could be available for consultation or treatment on specified days of the week.

Compulsory resettlement of doctors may, as Mr. McNutt believes, be necessary. But the foregoing paragraphs testify to the fact that there are plenty of voluntary alternatives that deserve a fair trial first. Let's hope they get it.

-H. SHERIDAN BAKETEL, M.D.

Manpower Board Undertakes to Allocate Civilian Doctors

Shortages are said to exist in more than 300 communities



The War Manpower Commission has assumed two important new functions. They are:

"To ascertain the needs of the civilian population—non-military—for medical service"; and

"To aid in providing the medical personnel to meet those needs."

The commission's action, while approved by the Board of Trustees of the American Medical Association, has nevertheless prompted more than one physician to ask, "How will the medical personnel be provided—on a voluntary basis or by compulsion?" Still others have asked: "If compulsion is used, will it be only for the duration or will it lead us later into state medicine?"

No hard-and-fast answers can be given to these questions, but the doctor in the street may draw his own conclusions from a quick summary of what has been said and done in just the last few weeks by government officials and others concerned with the manpower problem in general. Such a summary follows:

The War Manpower Commission stated quite clearly in a re-

cent release that "Plans for meeting the need for medical care in communities where a shortage of physicians has developed are being made now by the U. S. Public Health Service and by the Procurement and Assignment Service of the War Manpower Commission. The two services are cooperating closely in the planning of this emergency action.

"In many areas an acute need for medical care has arisen as a result of (1) extraordinary increases in population brought about by expansion of war industries and (2) the entry of physicians into the armed forces. In more than 300 industrial areas of the country the lack of medical care is being felt."

Synchronized with this WMC release was an article entitled "Doctor Shortage Ahead!" in the Sunday supplement, This Week. Published under the by-line of Dr. Thomas Parran, Surgeon General of the U. S. Public Health Service, the article said:

"As a first step toward making the most of what we shall have left when the armed forces have been

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Relocation of physicians is in the hands of the War Manpower Commission. Here are officials and members of the body: (l. to r., seated) Donald Nelson, chairman, War Production Board; Claude R. Wickard, Secretary of Agriculture; Paul V. McNutt, WMC chairman; Frances Perkins, Secretary of Labor; James V. Forrestal, Under Secretary of the Navy; (standing) Wendell Lund, director, Labor Production Division, WPB; Goldthwaite H. Dorr, consultant to the Secretary of War; Major General Lewis B. Hershey, director, Selective Service; Arthur J. Altmeyer, chairman, Social Security Board: Arthur S. Flemming, Civil Service Commissioner: and Fowler V. Harper, deputy chairman, WMC.

supplied with doctors and nurses, it would seem advisable for the War Manpower Commission to ration medical manpower just as the Office of Price Administration rations other essentials. . . Certain numbers of [doctors] should be earmarked for the armed forces and left in their present work until called for duty. Others should be sent now to areas greatly in need of service and given enough facilities so that they would not have to do a saddle-bag practice."

The government has released very little specific evidence of the shortage of physicians in war production centers. But some of its spokesmen say the need is urgent. The scarcity of doctors has already encouraged much illness and absenteeism, they add.

The official attitude toward physicians who do not make every effort to relieve shortages in important areas is reflected in the many statements of Major General Lewis B. Hershey, Director of Selective Service, assailing those

who have failed to seek work essential to the war effort. Just last month the general warned the country's manpower (doctors included) to change their work at once if they were not making their most skilled contribution toward winning the war. Failing this, said General Hershey, the War Manpower Commission will have to resort to "legislation to make up the deficiencies."

According to Paul V. McNutt, chairman of the War Manpower Commission, "The number of people needed to reach peak employment is very large for the major war production areas. It is estimated that the Philadelphia metropolitan area needs about 100,000 workers, the Detroit area 96,000, the Seattle-Tacoma-Bremerton area 78,000, the Portland-Van-







Moving day for many rural and urban physicians alike may not be far away. The War Manpower Commission's search for professional and industrial workers to fill essential jobs will reach the Vermont countryside (above) as well as metropolitan areas. Many families (left) in mushrooming war production centers are reported unable to get the medical attention they need because of acute shortages of physicians. If medical men don't correct these shortages through voluntary resettlement, compulsion is likely.

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couver area 55,000 to 75,000, the Baltimore area 59,000, and the Buffalo area 45,000. Almost all these areas expect to reach peak employment before July 1943." Adding to these workers the thousands of others who are also being shifted to war production areas, and remembering that for each worker there is usually a family too, gives some idea of the tremendous labor shifts to be expected and of the proportionately great shifts of physicians which are bound to follow.

Obviously, not all production centers will be equally hard hit by the scarcity of medical men. There are likely to be acute shortages in some communities while adequate personnel exists in others. This is, in fact, the situation

that now prevails.

Reconnaisance surveys have been made by the U.S. Public Health Service in 380 war production areas of the United States. These surveys, made for the primary purpose of uncovering information about public health facilities, have also disclosed valuable data about the number of physicians in the 380 areas, how many are under 65, and how large a population they have to care for. Where the important shortages of doctors exist, however, and how many practitioners are needed to overcome them, the Public Health Service declines to reveal. The only survey findings it is believed to have released for publication are those included in MEDICAL ECONOMICS

last month (see table with article, "Government Lays Plan to Take Over Resettlement of M.D.'s").

Likewise unavailable are statistics showing the relative acuteness of doctor-shortages in (1) war production areas and (2) other areas—especially small towns and rural districts. Efforts are being made to relieve shortages in both types of communities, but it goes without saying that industrial areas, because of their war-important status, will get preference.

Increasing concern has been expressed lately over the question of maintaining a balance between doctors in the armed services and doctors in civil life. Both the army and navy are refusing applications for commissions from medical men classed as essential on the home front by the Procurement and Assignment Service. Yet there is often nothing to prevent a physician from resigning an essential position or leaving a community in which he has been asked to remain. After all, it's the job that's essential, not the doctor. So if he insists on giving up the job he may automatically make himself available for military service.

Such individual practitioners, of course, have less effect on the proper military-civilian balance than do the policies adopted by wartime agencies in Washington. Wendell Lund, director of the War Production Board's labor production division, recently addressed the House Committee on Defense

[Continued on page 108]

Adequate Supply of Drugs Now Available for Physicians

Careful use is essential, but there will be enough for medical needs



Drugs and pharmaceuticals, many of which were in critical short supply a few months ago, today are plentiful enough to meet most medical requirements. A survey by MEDICAL ECONOMICS of drug manufacturers reveals that, with only a few exceptions, physicians' patients will be able to obtain the medication prescribed for them during the next few months. Beyond that, it is impossible to predict. Last May a speaker before

the Proprietary Association of America reported that as many as 120 medicinal and pharmaceutical products were then scarce. At that time the situation was so acute that the War Production Board began a compilation of drug shortages, and subsequently placed a long list of items under control. And the Division of Medical Sciences of the National Research Council set up a committee to ad-

[Continued on page 144]

Will physicians be able to obtain the materials they need to carry on their practices during the coming months, or have wartime conditions led to a critical supply shortage? This article surveys the situation in the drug and pharmaceutical field. Future articles will examine supply prospects for surgical instruments and equipment and for gauze, adhesive, and other office sundries.



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A Doctor Who Talks Turkey

A close-up of Dr. Orta E. Kuhn



Dr. Orta E. Kuhn is probably the typical good year he has sold 6,only physician in the country who 000 turkeys at a net profit of \$1 a wouldn't be floored by the pros- bird, this familiarity with high pect of paying \$500 for a turkey. turkey finance isn't so remarkable. Considering the fact that in a

Although Dr. Kuhn holds down

a six-days-a-week job as industrial physician for the Douglas Aircraft Company, he still finds time to operate his thriving ranch near Chatsworth, Calif. Turkeys have fascinated him since he was a boy on a Kansas farm. About eight vears ago he found that the call of the barnyard was too strong to resist; so he and his wife began to spend their vacations checking up on turkey doings in California. They traded shop talk with producers all over the State, and read all the turkey lore they could get their hands on.

By 1938, Dr. Kuhn was ready to start his own ranch. He chose a site near Chatsworth, which he considered ideal, and began construction of Rancho El Ortanna (a name he hatched by combining his and his wife's first names). That year and the next he put up eight buildings, six sheds, fencing, and lighting facilities for the yards. And he got right down to turkey business by raising and selling 5,000 birds at a profit.

Things have gone so well since then that the doctor has recently taken to raising sheep and mink. As a sideline he grows enough grain to feed his entire menagerie, as well as garden vegetables for his own table.

Dr. Kuhn is choosy about equipment. His turkey sheds, cages, and roosts are designed scientifically; and he uses so much steel and concrete that his ranch looks like headquarters for a second front.

The hatching eggs are kept in

incubators and "hatchabators" for precisely twenty-eight days. They must be turned at intervals of a few hours during this entire period. Moreover, a constant temperature of 99% to 100 degrees and a steady current of fresh air with regulated humidity must be maintained.

The doctor's greatest worries come during the first eight weeks of his turkeys' life, when warm temperature, spotless surroundings, and clean water are essential, and when young turkeys must be fed a complex mash brewed from some twenty-five ingredients. After the turkeys are two months old, Dr. Kuhn lets them shift pretty much for themselves. He says that most turkeys of that age prefer to roost in the open, despite the expensive quarters he has built for them.

When the turkeys are about eight months old, their owner looks over the flock and picks out a few of the choicest for breeders; the rest get the axe. His birds often end up on the dinner tables of movie stars at their nearby estates and at some of the more select Los Angeles restaurants.

Prices for both turkeys and turkey eggs sometimes reach fabulous levels. Although hatching eggs begin at about 10 cents apiece, producers have been known to pay as much as \$5 for the more choice ones. Good breeding hens can be had for \$5 to \$12, while toms range in price from about

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The Procurement of Doctors for the Armed Services

Recruiting goals, doctors now on duty, need for economical use



Military men who should know now foresee an ultimate total of about 48,000 medical officers in the army and about 12,000 in the navy and public health service combined. This means a grand total equaling 60,000-or somewhat less than one third of all U.S. physicians-which the War Department at this time believes is the maximum number the civilian population can be deprived of with safety.

Once the goal of 60,000 is reached, the problem will be to maintain that many medical officers on duty. It is not going to be easy since there is no assurance that the yearly increment from medical schools will offset losses in battle and from normal deaths.

It is currently estimated by the War Manpower Commission that the greatest number of people a civilian physician can care for properly is about 1,200 in rural dis-

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At Carlisle Barracks, Pa., where several hundred medical officers are graduated each month, enlisted men are also trained. This one demonstrates administration of sulfa drug.



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One of 11,000 captains now on duty with the army medical corps. This man has just finished operating at a field hospital. He's a member of the famed 32nd Medical Regiment.

tricts and 2,000 in cities, the average in all communities being 1.-500. Yet if the number of men in the army grows to 13,000,000 and the navy expands to 1,500,000still allowing only 60,000 medical officers—the ratio of physicians to men will be scarcely more than 4 per 1,000. This may not be an impossible number of doctors for the job; the British haven't many more than that; but it represents a drastic reduction of the 6.5:1.000 ratio commonly accepted in this country.

When the Armistice was signed in 1918 we had about 30,000 med-

000 men (8 per 1,000). If in this war we almost quadruple the number of men under arms yet only double the number of medical officers, it is obvious that the medical personnel per 1,000 troops will have to be cut in half.

It is sometimes assumed that when the army sets about computing the supply of medical officers it will need at a given time it simply determines the number of troops who will be in service then and allows so many doctors per thousand. This is not at all the case.

The ratio, far from being static, ical officers for an army of 3,800,- varies with the requirements of the different service units. A combat unit may well demand several times as many doctors per 1,000 men as a non-combat unit. Only after these requirements and the number of units of all kinds have been analyzed can an intelligent prediction be made concerning the supply of medical officers needed.

A few States (New York is the worst) are still lagging behind their quotas of medical recruits. But from a national standpoint the worst of the job is over. Little doubt is felt that both year-end and subsequent goals will be met satisfactorily. The aim is still about 42,000 doctors in service by De-

cember 31, 1942.

When Pearl Harbor was attacked on Dec. 7, 1941, army medical men totaled approximately 11,000. If, by the end of this year, their number exceeds 33,000which it certainly should if the 42,000 army-navy medical corps goal is attained-it will mean that the army has more than tripled its medical officer personnel. This gain will have been made, moreover, in the short space of a little over a year-actually less, since most of the medical recruiting has taken place since the Spring of 1942.

The army medical corps realizes that even after it has met its recruiting objectives it will still be shy of the number of medical officers it should ideally have. Closest attention is therefore being given to ways and means of economizing on personnel. Three things al-

ready being done are (1) arbitrarily cutting down on the number of doctors per thousand men, (2) stepping up efficiency, and (3) relieving medical officers of administrative work so they may have more time for purely professional duties.

Relief in the latter category is being provided increasingly by officers of the medical administrative corps. Sanitary corps officers are also lending a hand by removing from the physician's shoulders the responsibility for a good deal of laboratory work, diet supervision, and materiel procurement.

The capacity of the medical administrative corps officer candidate schools at Camp Barkeley, Texas and at Carlisle Barracks, Pa. has been increased by leaps and bounds. As a matter of fact, since early Summer, the output of these schools has just about doubled.

The sanitary corps (many of whose members would rather it were called the medical auxiliary corps, to avoid any similarity to a street cleaning department) includes entomologists, laboratory specialists, bacteriologists, chemists, parasitologists, nutritionists, and supply and procurement officers. Its personnel, being trained before appointment, needs no extended schooling such as MAC candidates receive-merely a period of indoctrination. Appointments to the sanitary corps are generally made from civil life.

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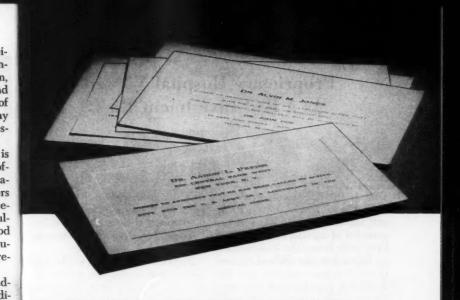
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Physicians Favor Formal Cards To Announce Military Duty

A brief notice to patients when you go into service may pay you dividends



Most doctors entering service feel themselves under strict obligation to notify patients of their departure. As one M.D. put it:

"A physician owes it to his patients, in common courtesy, to tell them that he will no longer be available. I intend to notify every patient whose history card is in my file. If I failed to do it, I'd be the loser. Suppose my patients telephoned me after I left and found the telephone disconnected, or came to my office and found it

empty. I wouldn't have a prayer of winning back my practice when I came home."

A second and equally realistic motive often mentioned is the desire to collect as many outstanding bills as possible. It's reported that in some cases an announcement of pending military service can revive debts long written off as uncollectible.

Although most physicians are using formal cards to announce [Continued on page 136]

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Proprietary Hospital Viewed As a Bad Investment Risk

Owners of small institutions face increasing financial troubles



Despite the considerable risks involved, a number of doctors today still appear to be attracted by the prospect of owning and operating their own hospitals. Unfortunately, the cards are stacked against them. Wartime taxation and the increasing popularity of voluntary hospitals organized on a non-profit basis indicate that proprietary institutions will have rough sledding in the future.

The proprietary hospital, operated for profit, is a commercial undertaking. In the past, most institutions of this kind were organized by doctors in communities in which there were no hospitals, or where existing hospital facilities were inadequate. Since ownership usually is restricted to a few doc-

tors, it is to be expected that nonparticipating physicians often do not support them enthusiastically.

There are other disadvantages, too:

Proprietary hospitals, unlike voluntary institutions, are subject to taxation. In many cases, their owners, trained primarily in the practice of medicine, have had little experience in hospital management. As a result, proprietary hospitals often find themselves in competition with institutions which cost less to operate and enjoy greater community support.

Now that war has come, their plight has gone from bad to worse. The armed services have cut deeply into their professional staffs, and will cut more deeply as time goes on. Nurses, technicians, and aids are flocking into both the army and war industries; salary demands of those still on the job are becoming steadily more difficult to satisfy.

At the same time, physicians who have not gone into military service, and who are not already allied with proprietary hospitals, are unlikely to show much inter-

What chance have privately-owned hospitals of surviving in the face of increasingly stiff competition from voluntary institutions? Dr. Warren P. Morrill, author of this article, believes they are in for a struggle against heavy odds. Dr. Morrill is a former superintendent of half a dozen hospitals, and current director of research for the American Hospital Association.

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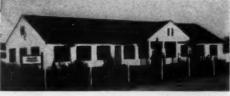
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Disappearing?

There were 1,882 private hospitals in the United States in 1935. By 1941 their number had dropped to 1,584. Still further casualties are in prospect.



est in these institutions now, especially if positions in voluntary hospitals are open to them.

Many of the smaller proprietary hospitals already have closed, and even some of the larger and better-established ones are looking for opportunities to free themselves from the increasing burdens of private ownership and operation.

New taxation in its varied forms is creating financial problems almost impossible to solve—especially since privately-owned institutions, unlike the community-supported type, can't appeal to the public for funds.

Proprietary hospitals are also burdened with costs which volun-[Continued on page 86]

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"Here's a rush order from Dr. Bogart. He wants a 'conus de lactum glacialis vannillum!'"

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Questions from Medical Men About Military Service

More on dependency, the draft, pay deductions, rank, availability



Q. I am eligible only for a lieutenancy. Yet I have six dependents who could not possibly exist on a lieutenant's salary. What should I do?

A. Stay out of the army or navy at least for the time being but try to get into some work which is essential to the war effort and which will enable you to support your dependents.

Q. I have been rejected on physical grounds for a commission in the medical corps of the army. Is this rejection final or may my case be reopened at some later date?

A. It may be reopened whenever the need arises.

Q. Suppose a doctor is offered a commission in the army. Can he defer his acceptance until he gets final action on a desired naval commission?

A. Until he has actually accepted a commission in the army he is quite free—except from selective service. Even his local draft board may grant him a stay if it knows he is awaiting action on a commission and is not stalling.

Q. Can a doctor secure a commission if his present employer in-

sists that he is essential?

A. Yes. He can resign, whereupon he will no longer be essential and can apply for a commission. This is not recommended, however, if the physician is truly essential and if no replacement can be found for him.

Q. Must one pay any attention to the annoying form letters and questionnaires of one's local draft board after having been rejected on physical grounds for a commission in both the army and navy medical corps?

A. Indeed one must. The physical requirements for induction as a private are not the same as for induction as a medical officer. In other words, you can still be drafted, though if accepted physically by selective service for induction as an enlisted man, you will ordinarily receive a commission before you report for active duty.

Q. Can a medical officer in the navy transfer to the army?

A. No-unless willing to enter the regular army (as distinct from the Army of the United States),

[Continued on page 120]

The Scope and Functions of the U.S. Public Health Service

Summary of the uncounted health and medical activities of the USPHS



Although the United States Public Health Service is older than most other Government branches, it has never matured politically. It has been part of the Washington scene for 144 years, but it has never

risen to the dignity of department status and cabinet representation.

It is still a bureau, which means that it must put up with more red tape and less money than more fortunately situated Government units. Until 1939 it was a satellite of the Treasury Department. Since then it has functioned under the jurisdiction of the Federal Security Agency.

Unlike most Government branches, the Public Health Service makes a bigger splash in out-of-the-way places than it does in the national capital. Only a few hundred of its 16,000-odd surgeons, physicians, dentists, and sanitary experts sit at desks at headquar-

Today there is hardly a field of medicine in which the U.S. Public Health Service has not taken an interest. It is diagnostician, researcher, physician, and surgeon. Spurred by wartime demands for total health on the civilian front, the PHS is expanding its scope daily. This article describes the general organization and chief functions of the service. Articles dealing with other aspects of the PHS will appear in future issues.



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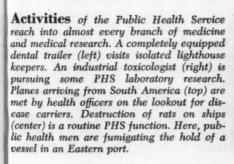




ters. Most of them are on field duty throughout the United States and its possessions and territories. A poor Tennessee Negro may well have more intimate knowledge of Public Health Service doings than some Congressmen.

Headed by Surgeon General Thomas Parran, the PHS today operates from Bethesda, Md., site of the National Institute of Health, a division of the service. Its permanent home, a gleaming marble structure in Washington, has been taken over for the duration by the Joint Board of Strategy.

The Public Health Service carries on its work in close cooperation with State health depart-





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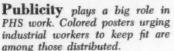
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ments. In some instances it is difficult to tell where Federal activity ends and local service starts. For example, local physicians often give actual treatment, while the PHS acts as consultant or supervisor. The PHS has no authority to dictate to State health departments. It can only persuade and advise.

The PHS has eight divisions: States Relations (formerly called Domestic Quarantine), Foreign is to allocate federal grants-in-aid and Insular Quarantine, Marine for health services authorized un-



Hospitals and Relief, Venereal Diseases, Mental Hygiene, Sanitary Reports and Statistics, the National Institute of Health, and Personnel and Accounts. Between them, they spend about \$35,000,-000 a year. Here's a quick view of the work of each division:

STATES RELATIONS

This division is the link that ties the Public Health Service to the States. One of its chief functions

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The sular (functio trance gious o (2) to to alier to the l der the Social Security Act. These grants, which amount to \$11,000,000 annually, are parcelled out among the States according to a formula which takes into account population, special health problems, and relative economic need. For example, in 1941, Mississippi was alloted approximately the same amount as Massachusetts, although the former's population is only half that of the latter.

The division acts also as consultant and advisor to State health agencies. Its representatives encourage States to expand their work in controlling cancer, pneumonia, tuberculosis, etc., and to participate in dental, industrial, and mental hygiene programs. It conducts special surveys of health conditions at the request of States.

Other functions of this division are (1) to exercise control over drinking water on railroads, ships, and other carriers in interstate commerce; (2) to supervise milk and food sanitation in the States; (3) to encourage construction of community sanitary projects; and (4) to give technical direction to various Federal agencies in malaria control and in the establishment of housing standards.

QUARANTINE

The Division of Foreign and Insular Quarantine has two major functions: (1) to prevent the entrance of infectious and contagious diseases from abroad; and (2) to give medical examinations to aliens applying for admission to the United States.

The division exercises jurisdiction over all ships and aircraft and over all persons entering United States ports from overseas. PHS officers in foreign countries work with consular officers to prevent diseased persons from getting aboard ship, and other officers at American ports are authorized to detain diseased persons in quarantine.

The division also is empowered to order fumigation of ships and airplanes. It has conducted extensive studies in methods of ratproofing vessels, which it urges ship lines to adopt.

MARINE HOSPITALS

The Division of Marine Hospitals and Relief carries on the work which the PHS was set up to perform in 1789, when merchant sailors were as important to the expanding new nation as frontiersmen. Today this division maintains twenty-six marine hospitals, with a combined capacity of some 6,200 beds. Complete medical, surgical, and dental treatment is furnished without charge to seamen of all U.S. merchant vessels, personnel of the Coast Guard and Lighthouse Service, and seamen and cadets in training aboard State school ships. Foreign seamen, beneficiaries of the Veteran's Administration, and army and navy personnel are admitted as paying patients. In addition, the division maintains 117 relief stations for emergency hospital care.

One of the hospitals, at Car-[Continued on page 124]

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Personalized Form Letters To Conserve Your Time

Duplicating process provides results identical with original typing



There are several reproductive processes—a bit different from the one you studied at medical school—that will prove especially handy if extra wartime duties are crowding your daily schedule.

Consider these facts:

Many of the letters, instructions, and lists given or sent to patients are in the nature of forms. The wording in each instance is the same.

If these forms were reproduced mechanically, wouldn't the saving in time be considerable? It would.

Yet the average physician continues to write them out in long-hand or have them typed by his secretary. The reason is obvious: He has seen mechanically reproduced forms. He has been able to detect them. The patient, he reasons, could detect them too and would feel that he was getting stereotyped service instead of individual attention.

The doctor's conclusion is understandable. Most of the forms one sees *are* identifiable as such. But not all.

There is at least one process automatic typing—which any letter company can do for you and which produces a result *identical* with original typing. It is not to be confused with multigraphing, mimeographing, photo-offset, or any one of the other processes more commonly observed; these methods serve a useful function, but not when the effect of hand typing is required.

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Suppose you want to give a patient diet instructions. If complicating factors are present, a special list may have to be typed by your secretary. But in many instances, the diet will be so standardized that you can have one or two hundred copies reproduced by automatic typewriter on your letterhead, distributing them as the need arises.

Since the patient knows it takes time to prepare individual instructions and to have them typed, it is often best to incorporate them in a form letter and mail them to him shortly after you have seen him. This has the additional advantage of constituting another contact with the patient and giving evidence of the efficiency with which your office is run. All your secre-

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tary has to do is fill in the name and address of the patient on the form, have you sign it, and mail it. The time she saves can be used to help you with more essential work.

Automatic typing may be used for virtually any kind of form in which the appearance of original typing is required. For example:

Letters reminding patients to come in for periodic health examinations, letters suggesting immunization, etc.

Instructions about prenatal care, about infant feeding, or in preparation for basal metabolism tests.

Lists of foods to include and

avoid in a diet.

Announcements of changes in practice or address, when, because of special circumstances, a personalized letter may be preferable to a printed card.

Automatic typing employs the player piano principle. The text to be reproduced is typed on a machine that perforates a master roll. When the roll is subsequently "played" on an automatic typewriter, an exact duplicate of the original text appears. It looks like real typing because it is real typing. The only difference is that it's not done by hand. If a letter is being reproduced, the same rib-



Automatic typing follows the player-piano roll principle. The service is available in most cities.

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Prices for automatic typing vary a good deal from shop to shop and from city to city. However, those quoted last month in shops in several cities were about as follows for a single-page, 25-line letter of about 10 words per line: first 100, \$7; next 100, \$5. The charge for filling in names and addresses is usually about 25c per 100. If you also wish to have your letters pen signed, folded, inserted, sealed, stamped, and mailed, add for this combination of services about \$1.-15 per 100 (postage, of course, extra).

At first blush, automatic typing may appear expensive. Compared with less satisfactory processes, it is. But if you have only a minimum office staff-say one girl for a busy practice-or if you have no secretary at all, the cost of getting someone in to do the work or the inconvenience of trying to cram it into an already over-crowded schedule may well prove to be false economy. In such cases the cost of automatic typing may be relatively low.

As with printing, the unit cost becomes less as more copies are ordered. If less than 100 are needed, it may prove wiser to have your secretary type them; if more than 100, automatic typing will usually be worth considering.

Automatic typing is available in

most cities throughout the country. Even if service cannot be had locally, it will be found convenient and economical to mail requirements to concerns elsewhere. In the event that you cannot locate a letter shop in your own community, drop a postcard to the Mail Advertising Service Association, Park Avenue Building, Detroit, Mich., asking them to furnish the names and addresses of several shops near you.

Incidentally, when you have to supply names and addresses for fill-ins, don't ask your secretary to type a list of them. Instead, have her address the envelopes, and let the shop use them as a list. This saves unnecessary duplication of effort. After the letters have been prepared, it will usually be advisable to have them and the envelopes returned to you for signing, stamping, and mailing from your own office.

Although, as said, multigraphing, mimeographing, and photooffset are of no value for personal messages, their usefulness for impersonal communications is well established.

Multigraphing (or letterpress) ranks next below automatic typing in similarity to hand typing. It is when names and addresses are filled in that the slight difference in type becomes most noticeable.

One of the best occasions for multigraphing is when you want to send out a letter that is neat

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Medical Convention Programs to be Geared to War Needs

Next year's meetings will probably be restricted to war medicine



What will the typical 1943 medical convention be like? Although there is no cut-and-dried answer, present indications can be summed up this way: The shortage of civilian doctors, transportation uncertainties, and the possibility that military authorities will requisition public meeting places without advance notice, mean that conventions will be fewer, briefer, and largely confined to discussion of war medical problems.

A few scheduled conventions have already run into difficulties. For example, the American College of Surgeons planned to meet last month at the Hotel Stevens in Chicago. At the last minute the army air force took over the hotel and the convention had to be postponed until mid-November and moved to Cleveland. The Southern Medical Association ran into similar trouble when the armory in Richmond which it intended to use was needed for military purposes, and physicians were forced to hold many group meetings in remote parts of the city.

The American Medical Association has cancelled its 1943 convention, although the House of Delegates, the trustees, and other officials will hold a meeting in Chicago next June. Other organizations are combining their meetings. For example, the Tri-State Hospital meeting usually includes doctors from Illinois, Wisconsin, and Indiana. Now Michigan has joined the group. On the West Coast, the medical societies of California, Washington, and Oregon have consolidated their conventions.

Chances are that most medical meetings next year will lack fancy trimmings. It's predicted that commercial exhibits will be reduced drastically, and in some cases omitted. Government heads have warned that bulky material for exhibits cannot be allowed space on transportation facilities. The pressing need for physicians to return at once to their practices means that banquets and other social activities will usually be eliminated too.

It is believed that there will be a definite tendency to schedule conventions in Midwestern cities,

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Navy Doctor's Biggest Job Lies in Combating Battle Strain

British experience reveals the urgency of medical supervision over morale



The naval physician's most effective service lies in conditioning the men aboard his ship to withstand nerve-strain imposed on them by the ordeals of modern warfare. This opinion, based upon British Mediterranean experience, was expressed recently by Rear Admiral Wilfred R. Patterson, Chief of Staff of the British Admiralty delegation in Washington, before the Fourteenth Scientific Assembly of the Medical Society of the District of Columbia. Highlights of his address, revealing what actual battle conditions may require of a ship's doctor, follow:

The doctor's importance rests on the sympathy and psychological treatment he accords the ship's personnel and on the degree to which he helps them withstand the pressure of present-day naval warfare. This pressure has been vastly increased by many factors. Consider, for example, the need for perpetual alertness against an enemy which travels so fast that an attack develops in a matter of minutes. Or the psychological effect of the sight and sound of planes during a high-level or dive-

bombing attack. Or that of the less spectacular but more lethal torpedo plane. Such assaults are particularly trying at dusk when the planes can see the ships, but the ships cannot see their attackers.

These new strains, piled upon others created by the normal hazards of war, demand a careful watch over officers and men by the ship's doctor. A year at a time under such conditions is deemed ample for those in positions of responsibility, particularly those on small ships.

Fear and fatigue are as infectious as disease. Once it becomes evident to men that by giving in to their natural impulses they will earn sympathy and a chance to avoid further hardship, the weaker ones will quickly take advantage of it. There have been cases where over-sympathetic treatment by a doctor has had an immediate reaction upon an entire ship's company.

The doctor must consequently be hard, though understanding. British experience has shown that the way for him to deal with tendencies toward weakness of spirit hon orde nerv state true sible

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Oth from s explos mates. days a is not to take men out of the conditions which have produced the tendency, but to place them in others even more distasteful. For example, one young man who deserted his gun during an air attack was placed on an anti-aircraft ship where the scale of such attack is the highest. The change resulted in his complete cure. The treatment did not reflect lack of sympathy but the right kind of sympathy.

Apropos of this, one doctor wrote home, "Admiral Cunningham has ordered that there shall be no nerves in the Mediterranean." The statement, although not strictly true, reflects the only attitude possible toward modern war condi-

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It is dangerous to assume, of course, that because a man seems outwardly calm, his period of service under strenuous conditions can be continued indefinitely. Those who perform great feats consistently and who display coolness and courage over long periods, without seeming to be affected by the strain, need especially careful watching. When they return from a period of service sometime, they may crack badly.

Men of good character and sober habits stand up best. The peacetime "tough guy" is seldom tough under actual war conditions.

Other medical problems arising from sea service are casualties from explosion flash, notably in hot climates. To induce men to spend days at a time dressed completely in overalls presents almost insuperable difficulties, but if the ship is in an area where it is subject to sudden air attack, this is the only solution. In action, helmets and gloves are essential, and arms and legs must be covered. The importance of this was brought home recently when a bomb exploded in the mess decks of HMS Warspite, where a large number of men. scantily dressed because of the heat, were resting. Many died of flash burns, whereas if they had been fully dressed they might be alive today.

Another important matter derives from experience in dealing with casualties in the confusion arising from darkness and smoke caused by damage in the confined spaces of ships. This is the necessity of a clear way of showing that morphine has been administered. Since labels are easily lost, it is

now the practice to rubber-stamp

an "M" on the patient's head.

The confusion of battle sometimes tempts doctors to busy themselves over cases for which there is virtually no hope. Time so lost at the expense of men able to be saved cannot be justified.

A curious type of battle casualty encountered in some actions is from barnacle lacerations, suffered by men forced to slide down the oily sides of their ships when they are sinking. Wounds from these underwater growths are not only painful but they also tend rapidly to become septic.

[Continued on page 118]

Army Raises Standards for Rank Given New Medical Officers

Stiffer requirements are set up for commissions as captain, major



Army medical corps requirements have been revised to make it more difficult for physicians entering the service to receive commissions in grades above first lieutenant.

A statement from the Surgeon General's Office points out that the stiffer standards of training and experience are designed to protect officers already on duty who are qualified from promotion. Announced policy of the medical corps is to fill vacancies in higher ranks so far as possible by promotion of those already in service. Here are the new requirements governing the initial rank granted to acceptable physician-candidates:

"All appointments will be recommended in the grade of first lieutenant with the following exceptions:

CAPTAIN

"1. Eligible applicants between the ages of 37 and 45 will be considered for appointment in the grade of captain by reason of their age and general unclassified medical training and experience.

"2. Below the age of 37, and above the age of 32, consideration

for appointment in the grade of captain will be given to applicants who meet all the following minimum requirements: graduation from an approved medical school; interneship of not less than one year, preferably of the rotating type; specialized training consisting of three years' residency in a recognized specialty; and an additional period of not less than two years of study and/or practice limited to the specialty.

"3. Eligible applicants who previously held commissions in the grade of captain in the medical corps of the regular army, national guard, or officers' reserve corps may be considered for appointment in that grade provided they have not passed the age of 45.

MAJOR

"1. Eligible applicants between the ages of 37 and 55 may be considered for appointment under the following conditions: graduation from an approved school; interneship of not less than one year, preferably of the rotating type; special training consisting of three years' residency in a recognized specialty; an additional period of and cialt posi train ue t of th "2 miss cal natio corps

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not less than seven years of study and/or practice limited to the specialty; the existence of appropriate position vacancies; or additional training of a special nature of value to the military service, in lieu

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"2. Applicants previously commissioned as majors in the medical corps of the regular army, national guard, or Officers' reserve corps whose training and experience qualify them for appropriate assignments may be considered for appointment in the grade of major provided they have not passed the age of 55.

LIEUTENANT COLONEL

"In view of the small number of assignment vacancies for individuals of the grades of lieutenant colonel and colonel, and the large number of reserve officers of these grades who are being called to duty, such appointments will be limited. Wherever possible, promotion of qualified officers on duty will be utilized to fill the position vacancies."

"Much misunderstanding has arisen concerning recognition by specialty boards and membership in specialty groups. It will be noted that mention is not made of these in the preceding paragraphs. This is due to the variation in requirements of the different boards and organizations. Membership and recognition are definite factors in determining the professional background of the individual, but are not the deciding factors.

Vacancies Like Hens' Teeth

The army medical corps now has about 14,000 first lieutenants, 11,000 captains, and 4,-000 majors. Most of these men are reported officially to be "clamoring for promotion." The rub is that there are not enough vacancies to go around.

For the 14,000 lieutenants there are only 3,900 vacancies (projected for the remainder of 1942) in the grade of captain. For the 11,000 captains there are only 2,200 projected vacancies in the grade of major. And for the 4,000 majors there are proportionately few projected vacancies in the grade of

lieutenant colonel.

This scarcity of vacancies explains why the Office of the Surgeon General is making it more and more difficult for newcomers to the army medical corps to get grades above that of first lieutenant. As a spokesman for the office puts it, "Every man appointed initially in the grade of captain or major blocks a man already on duty."

board is final in tendering initial appointments. Proper consideration must be given such factors as age, position vacancies, the functions of command, and original assignments. All questionable initial grades are decided by this board. Due to the lack of time, no recon-"The action of the grading sideration can be given."-A. T. COE

COUGH

THE accompanying cough present in many affections of the Respiratory System is usually part of Nature's defense mechanism. The complete suppression of the cough by the use of drugs may be harmful, and yet the troublesome cough, particularly if it is associated with retrosternal tightness, or muscular, or pleuritic pain, will rob the patient of much needed rest.

The value of externally applied moist heat for the relief of

these symptoms is recognized by many physicians.

ANTIPHLOGISTINE as a medicated poultice provides a convenient method for applying moist heat for prolonged periods.

ANTIPHLOGISTINE is valuable as an adjuvant in the symptomatic treatment of Bronchitis—Chest Colds—Tracheitis—Tonsilitis—Pneumonia—Pleurisy.

ANTIPHLOGISTINE maintains moist heat for many hours.

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Speculative Possibilities of Aviation Shares

Post-war horizons bright for airlines but hazy for the plane makers



Wishing to make an investment in some branch of the aviation industry, a physician in Iowa requires:

"Which branch should I pickthe airlines or the aircraft manu-

facturers?"

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At first glance the manufacturing group might appear the most attractive. It has become America's largest wartime industry. Sales have doubled and tripled since 1940, and will double again in the next year. Earnings have expanded well beyond their meager peacetime levels.

But the very speed with which this gigantic enterprise has sprung up and the uncertainties ahead should give pause to any prospective investor. In contrast, recent developments have marked the airlines as a group with attractive

prospects.

Let's consider the airplane manufacturing industry first. In 1939 it had a plant valued at \$70,000,000 and a floor space of 9,000,000 square feet. Today it is twenty times its pre-war size. More than \$1,200,000,000 of government money has been pumped into new

buildings and machinery. Plant space has increased to 100,000,000 square feet while the number of workers has skyrocketed from 40,000 four years ago to more than 800,000 today.

Expansion still goes on. The aircraft engine division of United Aircraft Corporation is building a Midwest plant that will double its present huge plant capacity. Curtiss-Wright Corporation, Douglas Aircraft Company, and others are pushing up additional large plants.

MOTOR INDUSTRY STEPS IN

With all this government-sponsored growth, it became apparent soon after Pearl Harbor that the aircraft industry by itself could not cope with the two-year, 185,000-plane program demanded by President Roosevelt. So the automotive industry was brought in to assist; and already it appears evident that the motor car people are in the plane business to stay.

Ford has built the largest factory in the world (at Willow Run) to make our biggest bombers. Chrysler is building an aircraft plant that will be several times larger. In evaluating the future



In the CHLOROSIS YEARS

WHILE the incidence of frank chlorosis years, there is nevertheless a decided tendency for adolescent growing girls to develop a characteristic clinical triumvirate—anemia, malnutrition and digestive malfunction. In combating this syndrome, colloidal iron-protein has major therapeutic advantages over the iron salts. The salts (sulphates, citrates, etc.) are split up in the stomach with release of ions likely to be astringent and irritating. In the intestine, such ions form inert precipitates which are dehydrating, constipating and difficult to assimilate.

But the iron in OVOFERRIN is colloidal iron-protein. It is not in ionic form. It is little affected by the gastric juice. It is stable and cannot irritate. It arrives in the intestine as a fully hydrated colloidal oxide which cannot constipate and is readily assimilable. It is noteworthy that most nutriment is absorbed in colloidal form.

Not only is OVOFERRIN a rapid bloodbuilder, free from irritating and constipating effects, but it appears to have a decided propensity for appetite stimulation. Important also in insuring patient cooperation in these finicky young ladies is the fact that it is tasteless and odorless and that it cannot stain or dissolve toothenamel. But it achieves these effects, not by coating or sweetening or masking, but by the simple inherent fact of its colloidal form. Dosage—one tablespoonful in a little milk or water at meals and bedtime.



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place of the auto workers, it should be remembered that the construction of a bomber is little different from that of a commercial transport plane. Integration is also under way in plane manufacture: Just as Henry Ford made the steel for his motor cars, so he is producing the magnesium for planes and their engines.

General Motors has turned over the production facilities of its Buick, Chevrolet, Cadillac, and Fisher Body divisions to aircraft. Even before the war, GM was the chief producer of liquid-cooled aircraft motors. Now it produces planes, propellers, and several types of motors. The corporation also has large interests in the North American and Bendix Aviation companies. Packard and Studebaker make engines, and Nash-**Kelvinator Corporation produces** propellers and naval planes. This huge capacity must be added to the aircraft industry's own plants, which alone are equivalent to a structure nearly 100 miles long and 200 feet wide.

The war is also giving the automotive industry an opportunity to acquire the know-how of mass production plane making. Officials of General Motors and Ford have said they expected to remain in the plane business after the war. The others, too, have their eyes on both the "flivver" plane and on the transport business.

Thus it is quite evident that the well-heeled automobile companies will offer tremendous competition to the original aircraft makers at a time when military markets are contracting sharply.

THE TAX BURDEN

So much for future competition. At present, aircraft manufacturing is one of the most vulnerable of all war industries from the tax standpoint. Indifferent earning power prior to 1939 and small capital structures in most cases provided inadequate tax bases for wartime excess profits levies. Despite continuous gains in sales volume, most of the resulting income is going to the tax collector. Many officials in the industry believe that stockholders earnings hit their peak in 1941 and that the trend is now downward.

Even in the prosperous years of 1940 and 1941 the dividend return to shareholders was spotty. Those who bought aircraft shares in the lean years still are not getting what might be termed liberal dividends, though all plants are operating at capacity. Their finances, as a rule, are in none too good shape despite the fact that the major part of most company earnings is plowed back into working capital. The billions of dollars of unfilled orders now on the books require huge inventories of materials and parts.

In fact, the steady depletion of cash assets in the last two years has been a matter of concern in the trade. Unless large cash reserves can be established, the industry may end up after the war with little to show for its tremen-

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blereals dous war effort except excess facilities and depreciated inventories.

WHAT LIES AHEAD

After World War I the industry suffered almost complete collapse. Output dropped from planes in 1918 to 622 in 1919. Of course private and commercial planes will be in demand after this war, but the output will probably be but a fraction of the 125,-000 to be built for Uncle Sam next year. This lessened demand when coupled with increased competition indicates a long-drawn-out survival-of-the-fittest phase for the industry later on, somewhat akin to that experienced by the automotive industry in the 1920's. It may well be a barren period for the holder of the average aircraft security.

In 1920 there were 135 companies making passenger automobiles. Only eight of these concerns have survived. Some of them were merged with other concerns but the majority simply passed out of existence as their capital was exhausted. The future may hold a similar experience for the sixty-eight airplane makers.

In contrast, the war has not obscured the outlook for the airline companies. In fact, their part in the war effort seems to have enhanced their future prospects.

Last Spring there was talk that the government might take over the airlines as it did the railroads in 1917. And when a third of the industry's transport planes were Thus the planes left in regular service are bringing in more rewind the service are bringing in more rewind the planes left in regular to th

requisitioned last May, Wall Street became decidedly gloomy about airline securities. But this hasn't proved justified.

The public is still largely unaware of the huge job Washington has assigned the airlines. The latter have contracts to run cargotransport services throughout the United States and to all war fronts. They are operating once more the 100-odd planes the government purchased from them last May. Another 200 or more Army ships will be turned over to them before the year-end.

CARGO FLEETS

Already the airlines are preparing for the cargo fleets scheduled to roll off the assembly lines in 1943 by pooling all pilot-training activities. The army has thousands of medium-sized cargo planes or order with Douglas, Curtiss-Wright, Lockheed, and Consolidated. These planes will be turned over to the airlines so long as they have the personnel to handle them.

True, the airlines have discontinued some of their scheduled runs. Consequently they are carrying fewer passengers on their own routes. But the planes they have on regular runs are operating a about capacity. (Only a few months ago a 65 per cent passenger sealload was considered satisfactory.) Thus the planes left in regular service are bringing in more rewnue while those managed for the army are paying their share of the overhead and are a steadily in

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THE STORY OF BREAD may well

be called The Story of Civilization

Bread, the most venerable of prepared foods, has helped man, and man in turn has bettered the quality of his staff of life.

YEAST is the life of bread... and the story of yeast is the story of scientific research, uniform quality, mammoth production, modern refrigeration... and daily delivery to bakers in every city, town and village throughout the land... even by boat, by sled and by plane when other transportation is interrupted by floods and blizzards.

Anheuser-Busch is one of Ameri-

ca's biggest sources of baker's yeast.

Year after year, we have striven with research and resources to better the methods and facilities for brewing Budweiser. To do this, a laboratory specializing in fermentology and nutrition was necessary. Discoveries made in the laboratory and in the plant have led to the development of products contributing to human necessity and progress. Some of these products would appear to have only a remote relationship to brewing, yet, they are the result of scientific research into many allied fields.



Endless research in making the world's leading beer has led to the manufacture of B Complex and D vitamins, candy and table syrups, malt syrup, base syrups for medicines, starch, refrigerating equipment and glider wing and fuselage assemblies for our Armed Forces.

ANHEUSER-BUSCH SAINT LOUIS Budweiser

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Meanwhile the army is supplying the costly transports necessary to operate the war cargo service. This means the airlines no longer have to make large expenditures for equipment but can set up cash reserves for the purchase of new planes when the war is over. Even now, airline officials are talking of hemisphere-spanning freighters and transcontinental air trains of gliders which drop and pick up "coaches" at principal cities en route.

AIR EXPRESS

They visualize cargo planes carrying 40,000 pounds, compared with the 4,000 pound capacity of 1942 planes. Airlines, even today, carry 20 per cent of all Pullman travel with only a thirtieth of the seats the Pullman Company uses—because of the more frequent use of the airplane and its greater speed.

Air-express tonnage is mounting at a record-breaking pace under the impetus of war shipments. United Air Lines reported a gain of 146 per cent in express miles flown in the June quarter of 1942, while American Airlines showed a 125 per cent gain in air express carried in August over the like 1941 month. This year, United's June quarter express revenues jumped to \$543,000 from \$194,000 for the same 1941 period.

Air express rates are only a fifth of what they were fifteen years ago, but deliveries have increased from 17,000 individual shipments in 1927 to more than 1,300,000 in 1941. This year the figure is expected to pass 2,000,000 (not including army shipments).

FUTURE TRENDS

The steamship lines recognize the trend toward air travel. The great British Cunard Line plans air services after the war. Several American steamship concerns have applied, unsuccessfully, for air line franchises within the last few months.

Government regulation in most respects has been a good thing for the airlines. They admit that if it had not been for the Civil Aeronautics Board they would have gone through an expansion orgy in the last four years similar to the wild growth of the railroads in their early days.

No special excess profits taxes, so far at least, have been imposed on the airlines. Congress recognizes the importance of building up a strong air transport industry. Profits of the aircraft manufacturing companies, on the other hand, are under particularly close scrutiny and their war contracts are subject to re-negotiation, under existing law, for a period of three years.

The physician who invests in aviation stocks must recognize, of course, that they are more speculative than some of the stocks of older, better-seasoned industries. Few of the airliners have reached the dividend-paying stage. It may be several years before they do so. Many of the aircraft manufactur-

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Just stir Instant Ralston into boiling water or milk .. and serve! Made of pure whole wheat with extra amounts of stabilized wheat germ;

Now, with so many doctors called to the service, Instant Ralston can

First, it can help give you the energy and stamina needed to carry you First, it can help give you the energy and stamina needed to carry you through your too-crowded day. Second, it can help keep your patients on the job and thereby may bring you some much-needed relief. Remember, Instant Ralston is a type of cereal recommended in the National Nutrition Program... a cereal you can confidently recommend. And because it is pre-cooked, it can be enjoyed by the busiest war worker.

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Calcium 15.0 milligrams Calories 108.0 "These same nutrients are found in Ralston Whole Wheat Ceres!

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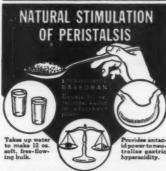
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THE WM. S. MERRELL COMPANY Cincinnati E S: A

ing stocks have reached this point at some time, although they are not on a regular dividend-paying basis even now at the peak of their war prosperity. On an income basis alone neither group has much to offer. But for the investor who is looking for a young industry with attractive possibilities for future growth, the airlines have distinct appeal.

Of the twenty-one airline companies, Pan American Airways. United Airlines, American Airlines, and Pennsylvania-Central Airlines are among the most prominent. Leaders in the manufacturing group are United Aircraft and Douglas. Bendix Aviation is the principal parts and accessory company: it also does a big automotive business in peacetime.

-RAYMOND L. HOADLEY

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Grouping **Patients**

The press of extra wartime duties is impelling more and more

doctors to group patients according to the treatment they need, and to schedule office appointments for each group on specific days of the month. For example, a physician may give prenatal care the first Monday of each month, injections for varicose veins the first Tuesday, periodic examination of infants the first Wednesday, etc. The advantages of this system are twofold: It saves time for the doctor, and it helps inspire confidence in the patient that his physician is widely experienced in a particular field of medicine. Obviously, such a program cannot be adhered to rigidly, but doctors who are trying some variation of it find it highly satisfactory.

Trade N

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These are the implements of war that could be built in the 45,000,000 man-days of working time lost each year because of the common cold.

Thus, a major contribution to victory can be made by the American Physician, by protecting as many patients as possible against this greatest cause of disability.

ORAVAX

Brand of Oral Catarrhal Vaccine

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Effectiveness of oral vaccination with Oravax in reducing number, severity, and duration of colds has been demonstrated in controlled clinical studies, as reported in current medical literature. Oravax is inexpensive, painless, and free from severe reactions.

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PACKAGE SIZES—Oravax is available at prescription pharmacies in bottles of 20, 50, and 100 tablets.

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Soldiers' and Sailors' Relief Legislation Is Broadened

Congress authorizes added legal rights for men in service



The Soldiers' and Sailors' Relief Act has been amended by Congress to extend coverage provided by the original law. The amendments change the law in two main

respects:

(1) Life insurance up to \$10,000 face value will now be protected by the government from lapsing for non-payment of premiums. (2) The act now covers debts incurred after Oct. 17, 1940, as well as before that date. At this writing, the amended bill is on the President's desk with every prospect that he will sign it promptly.

Under the original law, passed in 1940, the government was empowered, through the Veterans Administration, to grant a stay on the payment of insurance premiums on policies with a face value of only \$5,000 or less. Moreover, the moratorium on other debts applied only to obligations incurred prior to Oct. 17 of that year.

Although thousands of words of so-called "interpretation" have been written about this law, which, in effect, calls for a moratorium on certain debts of men in the

service, few persons have bothered to cut away the maze of legal verbiage.

The following analysis discusses the provisions of the act in nontechnical language, and indicates how the amended measure differs

from the original.

Briefly, the act is designed to protect the civil rights of men called to military duty by granting them certain temporary immunities from legal action with regard to evictions, income tax payments, repossession of automobiles, etc. It does not cancel legitimate obligations, but it does give men in service a chance to meet their obligations without unmediately feeling the hot breath of creditors on their necks.

How does this affect the physi-

cian in particular?

If you are going into the service, you may be wondering how you will be able to fulfill obligations for which you have contracted, especially if your service pay will be only a fraction of your usual income. Perhaps you've asked yourself such questions as:

How will I maintain premiums

THIS BABY CEREAL HAS ALL



VITAMIN B₁. One ounce of Gerber's Cereal Food affords 0.32 mg. of Vitamin B₁ (Thiamin), or all of an infant's minimum daily requirement. Served with milk, the total content is further increased.



4 ECONOMY. The low cost of Gerber's Cereal Food enables all families to feed their children this dietetically sound infast food.



2 IRON. A one-ounce serving of Gerber's Cereal Food contains 11. mg, of Iron, six times as much as the Iron content of 24 oz. of milk and eight times that of an egg yolk.

3 PALATABILITY. Children take readily to this unique cereal food. Its flavor and its consistency when mixed with milk or formula make it most agreeable.

Ready to serve, just add milk—hot or cold—or formula

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What will happen to my home if I am unable to keep up taxes and interest on the mortgage?

What if I can't continue payments on my car or X-ray equip-

What happens to malpractice suits pending against me or to actions I may have started against patients for recovery of overdue hills?

The answer in each case is that you get a break. You are covered whether you serve in the army, navy, coast guard, marine corps, air forces, or as a public health officer detailed for duty with a combatant unit. An amendment extends protection even to men serving with allied forces. Coverage now begins the date you receive orders to report for duty. Before the act was amended, coverage began on the date of induction.

The same protection as extended to persons in military service is also extended to their sureties, guarantors, and endorsers. This means that even if you are a civilian, you are protected within the provisions of the law if you signed a note for a person who can't pay because he has been inducted.

GENERAL RELIEF

This section provides that a court may use its discretion concerning the disposition of lawsuits begun against persons in military service. The mere fact that you are in service does not mean that legal action can't be brought

against you. But this portion of the law permits judges to postpone action until men in service are able to defend themselves. This applies to suits begun prior to, as well as during, your period of military service.

Suppose, for example, a malpractice suit is pending against you when you are called to duty. What happens?

It is up to the court to decide whether the suit shall be continued or postponed until after the war. Thus, if you are overseas when the case comes up, the court may order postponement until you return. In any event, the court will protect you from default judgments or similar actions which you can't defend yourself against because of your military duties. It is up to the court to determine what constitutes legitimate interference with your ability to defend yourself.

If a judgment has been entered against you, the court *may* postpone payment. But if the court believes your service pay is sufficient, it may enforce immediate damages.

In other words, the law gives courts broad powers to dispose of cases in a way which will not be unfair to men in service. Primarily, it insures that defendants will lose none of their ordinary civil rights with regard to legal proceedings.

STATUTE OF LIMITATIONS

The term you spend in military service does not count in computing the period of time in which

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ERTRONIZE EARLY in

CLINICAL investigations have established the merit of ERTRON in resistant arthritic cases of long duration. It is recognized, however, that the earlier treatment is instituted, the quicker may results be expected.

The patient should be *Ertronized* as soon as possible after the diagnosis is established, and maintained on adequate dosage throughout the course of treatment.

The effectiveness of ERTRON therapy in the management of arthritis has been demonstrated in hundreds of carefully studied cases, reported in the literature. Its safety, even in large therapeutic dosage, has also been repeatedly emphasized.



(Atrophic)

Typical fusifors swellings of proxima interphalanges joints, producin characteristic spis die-shaped finger The joints are pair ful, swellen and stif Muscular strophy usually present. Stris amooth, shiny, an atrophic, Ulnar devistice is consense.

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Specify "ERTRON" because -

- -ERTRON is the only high potency, activated, vaporized ergosterol (Whittier Process).
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is made only in the distinctive two-color, gelatin capsule.

Products of Nutrition Research Laboratories are promoted only through the medical profession.

NUTRITION RESEARCH LABORATOR Chicago, Illinois

When the Bowel is Especially Sensitive

and gentle stimulation is definitely desirable, as in pregnancy, senility, and convalescence,

KONDREMUL

provides a smooth, fecal-softening action without griping or irritation.

This fine emulsion of mineral oil with Irish Moss (Chondrus crispus) mixes thoroughly with water and is pleasant to take.

There are forms of Kondremul for all types of constipation:

- 1. For simple regulation— KONDREMUL Plain
- 2. For the milder case— KONDREMUL with non-bitter Extract of Cascara
- For the obstinate case— KONDREMUL with Phenolphthalein (2.2 grs. phenolphthalein per tablespoonful).



KONDREMUL

THE E. L. PATCH CO.

Boston

Mass

you must start a suit. Neither does it count in computing the period of time during which another person may start a suit against you. This applies whether the cause of action took place before or during your military service.

For example, where the limit for commencement of a malpractice suit is two years, your patient can now bring suit a year later than usual if you are in the army for one year. If you are in the army two years, he can bring suit two years later than usual, etc.

Likewise, you can add the time you spend in service to the limitation period in bringing suit against a patient to recover fees owed to you.

EVICTION

Your landlord may find himself in a legal tangle if he tries to evict your wife and children or other dependents while you are in military service. If your rent is \$80 a month or less, he'll have to go to court for permission to put your family on the sidewalk, and the chances are that the judge won't let him do it for at least three months. The law authorizes courts to stay eviction proceedings for that length of time when you are in uniform.

However, you can't evade payment of rent and keep your home unless you can demonstrate that military service materially interferes with your ability to pay. This section of the law probably will not apply to commissioned officers who are granted rent allowances for dependents. Then, too, the War

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and Navy Departments are empowered to order that a reasonable portion of a military man's pay be set aside for this purpose.

The law does not specifically cover lawsuits for the recovery of office rent. A suit of this nature brought by a landlord against a medical officer is governed by the provisions listed under "general relief." In other words, it is up to the court to decide whether the case will be pushed immediately or postponed.

INSTALLMENT CONTRACTS

Goods you are buying on installment contracts can't be repossessed by the seller, if you are in service, unless he gets court permission. This applies to any purchases made prior to your call to service. Courts are empowered to do one of three things: allow the dealer to repossess after he has refunded all payments you have made; postpone legal proceedings for the duration; or make any other equitable disposition. An amendment provides that interest shall not accrue on such contracts, while you are in service, at a rate of more than 6 per cent a year. Within six months after your release from service, you may ask the court for an extension, equal to the period of your service, to complete payments.

The court probably will allow the seller to repossess if you can't prove that military service has materially affected your ability to pay. And since your base pay as a medical officer is comparatively high, a court may take the view

NO MACERATION . . . HIGH VITAMIN POTENCY



Aldrich (Jl. Maine Med. Assn., 33:21-30, February, 1942), working with GADOMENT in a series of burn cases, discovered that GADOMENT'S wax base did not cause maceration. He further reports: "The high vitamin A and D content of the oil seemingly aids the islands of epithelium to grow faster than one would normally expect."

GADOMENT

also has proved valuable in abrasions, varicose and decubitus ulcers, skin grafting, anorectal wounds, infected pruritus ani and pruritus vaginae.

Send for your copy of the booklet "Common Skin Lesions" and trial tube of GADOMENT.

For the first-aid kit: Gadolets—small, convenient gelatin applicators containing Gadoment.

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BOSTON MASS.

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your payments.

Under the original law, the repossession of automobiles was authorized if less than 50 per cent of the purchase price had been paid at the time the suit was started. Such repossession is not permitted under the act as amended.

MORTGAGES

The government will protect your mortgage against foreclosure while you are in service (1) if the property was owned by you when you entered service and is still owned by you; (2) if the property is occupied by you or your dependents for dwelling purposes; and (3) if military service has made it impossible for you to keep up payments.

When these requirements are met, the court is authorized to postpone legal proceedings for the duration, or to make any other equitable settlement. Mortgages on apartment houses or business property are not covered by the law.

Within six months after your release from service, you can ask the court for an extension of time to complete payment. The court is empowered to add the time you spent in service to the period of the contract.

INSURANCE

If you can't keep up your insurance premiums while you're in the service, the Veterans Administration will help you out by guaranteeing payments on policies whose face value does not add up to a sum in excess of \$10,000. At the

same time, the following set of conditions must be met by the person insured:

Premiums must not be more than a year overdue; there must be no outstanding loans of half or more than half the cash surrender value; the policy must not be void, or voidable, at the option of the insured if he is in military service; the policy must not provide for a payment less than the face value if the insured is in military service; it must not call for increased premiums if he is in military service. Policies are covered on which premiums were being paid (1) before the date of approval of the act; or (2) at least thirty days prior to military induc-

If these requirements are met. the Veterans Administration will see to it that your policies do not lapse while you're in service. You are given two years after your release from service to pay all past premiums, plus interest (under the original law you were allowed only one year). If you fail to pay, your policies will become void, and you'll be paid the cash surrender value after deduction of premiums due. Should you die while in the service, your benefciary will receive the cash value less premiums due.

As amended, the law now cover life insurance policies of a level premium endowment or legal reserve plan as well as term policies and fraternal or beneficial association insurance. Previously only tary

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In these busy days you are the man who is forced to assume a heavy burden as more and more physicians are entering military service . . . you are the man who must make the most of your productive hours.

And the only way you can ease the strain of these unusually long hours is through new, modern Ritter equipment—and especially the Ritter Ear, Nose and Throat Unit and Chair . . . for many

physicians have told us that they have been able to reduce their office hours as much as 25% through their combined use.

Water, waste, electricity, vacuum and air are at your finger tips . . . all instruments are within easy arm's reach. With the Ritter Tilting Stool you can rest easily during treatments and examinations.

FRE Write for your copy of Ritter's newest squipment brachure... and see for yourself just what you can accomplish in your own office with new Ritter equipment.



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ordinary life and endowment policies were covered.

Although the Veterans Administration will guarantee premiums on all these policies while you are in service, it will not permit you to withdraw dividends or apply for insurance loans without its consent. Also, it holds your policies as security for the debt you owe.

REAL ESTATE TAXES

The tax collector is not supposed to sell your property at public auction to recover unpaid taxes. Under the original law you were required to file a complicated affidavit showing that by reason of military service you were unable to pay taxes. Under the amendments, it is no longer necessary to file such an affidavit.

However, if by chance your property is sold for unpaid taxes while you are in service, you have the right to redeem it, or start action to redeem it after the termination of your military service.

The act as amended provides that you may apply to the court within six months after your release from military service for an extension of time in which to pay back taxes. The court is authorized to grant you a time extension equal to the length of your military service.

The amendment also eliminates multiple State taxation of property. Under State laws, personal property of individuals is liable for taxes in several States in the same calendar year. The amendment outlaws such taxation.

INCOME TAXES

If you can prove that your salary as a medical officer doesn't permit you to pay income taxes, you will be given an extension of six months after termination of service in which to pay. This applies to taxes falling due either before or after you entered the service. No interest or penalties will accrue. If you can't pay in six months, the court is authorized to allow you an extension of time equal to the period of your military service.

—STEPHEN GREENE

Proprietary Hospitals [Continued from page 49]

tary institutions escape. For example, the latter ordinarily depend upon donated funds for their capital investments; they are therefore free from capital charges. The average proprietary hospital, on the other hand, must set aside from one to two dollars a day per patient to cover such charges, and in some cases corporation and income taxes account for another

It is becoming increasingly difficult for privately-owned hospitals to obtain patients. The various

For Head Colds and Other Nasal Conditions



OLIODIN 3

(DeLecton Nasal Oil)
Centains: Indine (Lecembined), and
Methyl Salisylate in refined parafilm oil.
Action: Produces a mild hyperemia with an exduate of serum depleting the tissues, improving the
breathing and yet it is southing to the nose.
Write for samples

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Capitol Station Albany, N. Y.

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Vascular hypertension is largely a syndrome of the twilight of life. As the shadows lengthen, high blood pressure takes a heavy toll, robbing life's autumn of its due reward after years of toil.

For these middle-aged and elderly persons, there is particular need for a safe, effective hypotensive agent. ALLIMIN Concentrated Garlic and Parsley Tablets offer a therapeutic agent admirably suited to the requirements of hypertensive patients. It has been found that ALLIMIN produces a gradual but sustained lowering of blood pressure—an effect that persists throughout the period of medication.

Moveover, in the great majority of cases, ALLIMIN gives effective relief of distressing hypertensive headache and dizziness. This relief is often remarkably prompt and efficient sometimes occurring within a few hours after administration of the tablets.

Free from toxic or habit-forming drugs, ALLIMIN produces its therapeutic benefits with no

undesired side-actions or unpleasant after-effects. There are no contraindications to its use and no known incompatibles. Thus, ALLIMIN may be safely prescribed in cases of hypertension where prolonged medication is indicated.

Well tolerated in the gastro-intestinal tract, ALLIMIN has been found to combat intestinal putrefaction. Hence, certain minor gastro-intestinal complaints, to which hypertensive patients are susceptible, are often relieved by the use of this effective preparation.

ALLIMIN Tablets are enteric

ALLIMIN Tablets are enteric coated, tasteless and odorless. Each tablet contains 4.75 gr. dehydrated garlic concentrate and 2.37 gr. dehydrated parsley concentrate.

The minimal dose is 2 tablets after meals with water, t.i.d., to be swallowed, not chewed. Intermittent courses of administration, skipping every fourth day, recommended.

Available in boxes of 60 and 250 tablets, ALLIMIN is advertised exclusively to the medical profession. For professional samples and pertinent literature, mail the coupon.

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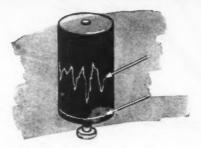
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A Constipation Corrective

supplying the bland, demulcent, non-digestible bulk required for normal peristalsis

Mucilose



This highly purified hemicellulose is available in 4 oz. and 16 oz. bottles as Mucilose Flakes and Mucilose Granules; and in 4 oz. bottles as Mucilose Granules with Kasagra.

Frederick Stearns & Company



Since 1855 . . . ESSENTIALS OF THE PHYSICIAN'S ARMAMENTARIUM

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government agencies which provide funds to indigent persons for medical care usually restrict benefits to cover only minimum needs. For this reason patients whose bills are paid by the government are usually cared for in voluntary rather than in private hospitals.

Regardless of the advantages they can offer, proprietary institutions can seldom charge rates much higher than those in effect at competing community hospitals. Except under the most favorable circumstances, private institutions are fighting a losing battle. Competition forced 298 (16 per cent) of them out of existence between 1935 and 1941.

Physicians probably were justified a number of years ago in setting up their own hospitals so patients could enjoy facilities and services that were not otherwise available. But today the quality of service offered by voluntary hospitals is constantly reaching higher levels.

There is no longer a compelling reason why physicians should accept the financial hazards and the worries of management involved in the operation of their own hospitals. The doctor who tries to establish his own hospital today is almost certain to strike financial trouble. He may succeed. But if he does, it probably will be at a cost he would not have faced willingly had he known what he was getting into at the outset.

-WARREN P. MORRILL, M.D.

Military Questions

Have you a question about the medical man in his relation to military or naval service? If you have and if it would interest physicians generally, MEDICAL ECONOMICS will be glad to publish the answer. Write the question below, tear out, and mail,

To MEDICAL ECONOMICS, Rutherford, N.J.

Here's my question:

The Newsvane



Few Needy M.D.'s

The Indiana Medical Association's committee on aid to needy physicians has asked to be dismissed. Reason: Only two doctors have applied for help in the past vear.

Wills Iron Lungs

Twenty Philadelphia hospitals will receive a total of thirty mechanical respirators, almost doubling the number available in that city, under the terms of the will of a deceased elderly woman. Eighteen other iron lungs will be purchased for ten other hospitals if sufficient additional cash becomes available through liquidation of the \$150,000 estate.

Flying Ambulances

The army now plans to use two types of flying ambulances, reports Brigadier General D. N. W. Grant, air surgeon of the Army Air Forces. Light planes will pick up the wounded on battlefields and fly them short distances to fields from which larger transports can take off. The big planes will complete the journey to wellequipped base hospitals.

General Grant declares that al-

ready complete hospitals have been transported by air. For example: When the army's 25-bed hospital at Nome, Alaska, burned down, planes flew complete new equipment to the scene. The hos pital was rebuilt and in operation eleven days after the disaster. The air surgeon says 500 ill persons have already been flown to the States from Alaska, and that others are being transported from equally distant areas.

Emergency Units Formed

Units of physicians are being recruited by the Office of Civilian Defense to man emergency base hospitals in interior cities when hospital patients and injured persons will be moved in the event of enemy attack. Doctors are be ing asked to join units by the Public Health Service, which is co operating with the OCD in organization of the project.

An average unit will be composed of fifteen physicians, and will include specialists in internamedicine, general surgeons, orthopedic surgeons, a dental surgeon a pathologist, and a radiologist

All M.D.'s who respond to the call will be given commissions in

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UNITE SAN FRANC Pharmace



Puretest PANOVITE MULTIPLE VITAMIN Capsules All the vitamins your patients need to supplement their diets

Each 3 minim round Panovite Capsule contains:

Vitamin	A			5,000 U.S.P. Units
Vitamin	B ₁			. 500 U.S.P. Units
Vitamin	D			. 800 U.S.P. Units
Vitamin	G			1 Milligram
				. 600 U.S.P. Units
Niacin A	Ami	ide		10 Milligrams
Vitamin	B ₆			. 200 Micrograms
Calcium				

It is interesting to note that each capsule contains 5 Milligrams of Calcium Pantothenate, the "grey

Pantothenate .

hair factor," which many believe of definite value in restoring color to grey hair especially when taken with all the important vitamins in a multiple capsule such as Panovite.

Only at your Rexall Druggist can you obtain Puretest and U.D. products. Here trained pharmacists are ready to fill your prescriptions to the letter. For safety and economy suggest that your patients get their prescriptions and drug store supplies at the convenient neighborhood Rexall Store.

UNITED DRUG COMPANY . BOSTON · ST. LOUIS · CHICAGO · ATLANTA SAN FRANCISCO · LOS ANGELES · PORTLAND · PITTSBURGH · NOTTINGHAM · TORONTO Pharmaceutical Chemists—Makers of tested-quality products for more than 39 years

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IN THE PRURITUS OF SKIN MAGERATION DUE TO DRAINING WOUNDS



Purulent drainage and exudation usually produce severe maceration of adjacent skin areas accompanied by intense itching. Since the desire to scratch cannot always be suppressed, traumatic lesions are apt to complicate the original wound. Applied directly onto the involved skin, Calmitol Ointment controls the tormenting pruritus, and encourages local rest. Furthermore, through the protective and drying action of its zinc oxide - lanolin - petrolatum base, it aids in preventing further maceration.

Calmitol Ointment is also widely employed for its specific antipruritic properties in contact dermatites, food and drug eruptions,

ringworm, and pruritus vulvae, scroti, and ani.

eczema, urticaria, Thes. Leoming & Ca Inc. 101 West 31st Street, New York

Calmitol contains chlor-iodo-camphoric aldehyde, levo-hyoscine oleinate, as menthol, in an alcohol-chloroform-ether vehicle. Prurius is controlled through its blocking action upon cotaneous receptor organs and servendings. Calmitol is protective, bacter ostatic, and induces mild active hyperemia which aids in disposal of toms.

CALMITOL THE DEPENDABLE ANTI-PRURITIC

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the PHS, but will not be summoned to active duty unless patients in their own areas must be moved to other parts of the country. They will otherwise be on an inactive status for the duration.

Mobile First Aid Crews

The U. S. Army Medical Corps in England has organized mobile crews of three doctors, a nurse, and two enlisted men to treat soldiers wherever they fall in battle. The corps in Britain has also absorbed the American Red Cross-Harvard University Medical Unit at Salisbury, which is now known as the First General Medical Laboratory. The latter has been organized so that teams in mobile laboratories can be sent wherever there is a threat of epidemic. The laboratory also maintains a 100bed hospital for clinical and laboratory investigation of epidemic cases.

Industrial Hazards

The health of war production workers is being placed in serious jeopardy by the conditions of their work, Dr. Thomas Parran, Surgeon General of the U. S. Public Health Service, declared in a recent article in the Sunday supplement This Week.

"Sickness and injury, a fair amount of which is preventable, takes 400 million man-days off the production line even in peace time," said the surgeon general. "But today there are new problems which may swell this total alarmingly. In some cases, for instance, materials hazardous to the workers health must be used because the supply of paper substances has been curtailed. The 24-hour day operation of machinery increases the accident hazard. Pressure for speed and continuous production tends to relax vigilance an to delay the proper servicing of machines. Priorities force some plants to use makeshift safety equipment.

"The British have set the standard of a full-time doctor and nurse in every factory employing more than 500 persons. We have not been able to do this in many factories which employ thousands."

Scientific Double-Talk

Taking scientists to task for their alleged reluctance to expressing themselves simply and clearly, Bruce Bliven, editor of the New Republic and writer of a recent series of articles on science, says in his book, "The Men Who Make the Future," that "there is a doctrine of obscurity which goes straight back to the mumbo jumbo of the voodoo witch doctor whose patients would never get well if they understood what he was talking about."

Mr. Bliven continues: "It is also allied to the professional bad handwriting of the doctor preparing a prescription. It is a close first cousin of the ponderous verbiage of the lawyer. For an example of a lawyer's reluctance to think straight or write straight, consult

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your income tax blank, a masterpiece of rhetorical incompetence. The cult of unintelligibility is directly connected with the Germanic tradition in higher education. . .

"It is quite true . . . that certain scientific matters cannot be described without using a technical vocabulary. But the obscurity goes far beyond these necessary conditions. For proof, I offer two facts: First, that many scientists get simpler and clearer as they grow older (their worst stage is usually when they are newly fledged) and, second, that the leaders are usually among the best writers."

Patient's Privacy

The Missouri Supreme Court has ruled that an individual's right to privacy includes the right to obtain hospital care for a personal ailment (not contagious or dangerous to others) without publicity. In so ruling, the court upheld a \$1,500 damage verdict against Time Magazine.

The plantiff was a woman who suffered from an abnormally large appetite but gradually lost weight. She was placed in a hospital for observation; and newspaper reporters attempted to interview her. Despite her protests she was surreptitiously photographed and the pictures and an account of her condition were distributed by a news service. Eventually they appeared in Time, the article headed "Starving Glutton," the picture cent of dentists polled paid

captioned "Insatiable Eater."

The court held that deciding where freedom of the press invades the right of privacy is a matter of harmonizing individual rights with community and social interests. It held that no public good was served in the magazine article as no pertinent medical data were presented, and that public curiosity could have been satisfied without identifying the individual.

T. B. Control Awards

The Minnesota Medical Association and the State health department have begun accrediting counties in that state for their work in controlling tuberculosis Standards require a death rate les than 10 per 100,000 and an infection rate below 15 per cent among high school seniors. Detailed re quirements include health education directed at discovery of early tuberculosis, a satisfactory case finding program, and availability of adequate sanitarium care.

Two Minnesota physicians have been given distinguished service plaques for "achievement in he man tuberculosis control" through public health activities.

Dentists' Office Rents

Office rents paid by dentists in creased only slightly during 1941 it was reported recently by the American Dental Association committee on economics. The com mittee found, however, that 26 pe

Purification Unit Used in the Manufacture of Metamucil

Smoothage

REESTABLISHES PROPER BOWEL

When defective bowel elimination results from the promiscuous use of harsh cathartics, laxatives and roughage, bowel protection as well as correction of the constipation is urgently indicated.

Smoothage, provided by Metamucil, supplies a substance which closely resembles the normal mucous membrane secretion—the protective mucus so essential to the healthy intestinal tract. With ingested water, it forms a soft

By the incorporation of irritating food particles within the demulcent muciland fine-textured mass. loid, a mechanical protection of the sensitive mucosa is provided.

Metamucil

(GREEN LABEL)

Highly purified, bland, non-irritating extract of Plantago ovata (Forsk) combined with a special dextrose base which mixes easily with water or fruit juices.

Supplied in 1 lb., 8 oz. and 4 oz. containers.

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Iron—and iron alone—is the one specific therapy for iron deficiency anemia.

Ferrous sulfate is a most effective and inexpensive form of iron.

FEOSOL TABLETS are the most practical and convenient form of ferrous sulfate.

One Feosol Tablet three or four times daily, after meals and on retiring, provides adequate iron medication in the vast majority of cases.

This dosage supplies 9 to 12 grains ferrous sulfere exsiccated, equivalent to approxumately 15 to 20 grains ferrous sulface U.S.P.

It will usually achieve the two essential objectives of iron therapy:—rapid hemoglobin regeneration and prompt reticulocyte response.

And Feosol Tablets are so easily tolerated that this adequate dosage can be continued over a considerable period of time.

FEOSOL TABLETS



SMITH, KLINE & FRENCH LABORATORIES, PHILADELPHIA, PA.

ESTABLISHED 1841

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One medical growing up public

average of 19 per cent more for rent in 1941 than in 1939. This suggests that a similar rise may have occurred in rents paid by physicians.

The following table shows average office rents paid by dentists classed according to geographic area and size of community.

AVERAGE RENT PAID FOR DENTAL OFFICES By Geographic Area

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Geographic Area	1939	1941
Total U.S.	\$49.67	\$51.60
New England	51.27	52.42
Middle Atlantic	66.19	68.23
East North Central	42.83	44.72
West North Central	37.17	37.84
South Atlantic	51.30	52.92
East South Central	32.05	32.26
West South Central	47.80	49.29
Mountain	44.81	46.54
Pacific	50.80	55.29

By Size of Community

Size of Community	1939	1941	
Total U.S.	\$49.67	\$51.60	
Under 1,000	\$19.84	\$20.83	
1,000- 2,499	22.35	22.88	
2,500- 4,999	31.10	32.60	
5,000- 9,999	33.16	33.97	
10,000- 24,999	40.74	42.38	
25,000- 49,999	43.41	45.53	
50,000- 99,999	54.15	56.82	
100,000-499,999	54.42	56.99	
500,000 and over	66.97	69.16	

Medicine and the Press

One of Indiana's larger local medical societies has joined the growing number which have set up public relations bureaus to supervise the release of news concerning members. The plan is for members to give details of their newsworthy experiences in practice to the executive secretary who will in turn prepare news stories and pass them on to the press for publication. The local press has agreed to publish the stories without alteration. Doctors' names will not be used.

Says The Journal of the Indiana State Medical Association:

"We long have granted that there are a lot of good news stories in the daily life of members of our profession; but we never have believed it the province of an ethical physician to rush into print with a high degree of regularity, if ever. The plan worked out in this instance should be advantageous to all concerned, for the press gets additional, live news items, and the medical profession acquires a long-sought objective—the elimination of the blatant advertiser."

Hawaiians Prefer to Pay

Of 201,945 residents of Honolulu, immunized against smallpox and typhoid and paratyphoid fevers this year on orders of the military governor of Hawaii, 112,897 elected to pay their own physicians \$4 apiece and 89,048 accepted the service free from the local government.

In interpreting the result of the military governor's order, which gave civilians the choice of reporting at first-aid stations after a spe-



IN OBSTETRICAL HYPNOSIS

Although powerful in its sedative and hypnotic action, Butisol Sodium possesses a safety factor which enables it to be employed in clinically effective dosages.

Butisol Sodium is approximately 30 percent less toxic than phenobarbital and is given in the same dosage.

BUTISOL SODIUM

(Sodium salt of 5-ethyl-5-secondary butyl barbituric acid "McNeil")

Indications

Labor sedation Dysmenorrhea Insomnia
Vomiting of pregnancy

Pre- and post-operative sedation

CAPSULES BUTISOL SODIUM 1½ gr. Supplied in bottles of 100, 500 and 1000.

A trial supply is available to physicians on request.

McNeil Laboratories

Philadelphia - Pennsylvania

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The training ever of that of is ever

retary nel Pa cified date or of obtaining inoculations and vaccination before that date, the Hawaii Medical Journal took into consideration two major factors. They were the reasonableness of private doctors' fees and the ability of the average resident, through war-work wages, to pay the fee without depriving his family of any essential.

The journal then concluded:

"When John Q. Public has a job and is making an adequate wage, and when the cost of medical services is within his reach, he prefers to buy such care from a physician of his own choosing and to pay the bill himself.

"He prefers to do this even though the government offers him the same service and says, 'Keep your money. Let the taxpayer foot

the bill."

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Industry Casualties Lead

American industrial casualties in the period since Pearl Harbor have far exceeded American casualties, according to the National Safety Council. Industrial losses up to July 30 were 30,000 dead and 2,-500,000 wounded, while military dead totaled only 4,801 and military wounded, 3,218.

Army's Health Excellent

The health of U. S. troops in training in this country is the best ever established in wartime, and that of U. S. troops in England is even better, according to Secretary of War Stimson and Colonel Paul R. Hawley, chief surgeon

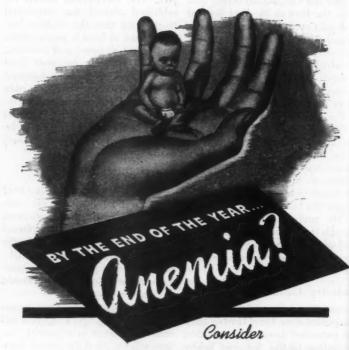
of the army in the European theatre. The exceptional record established abroad was attributed to the fact that the soldiers had undergone at least a year's conditioning before being sent overseas. Colonel Hawley reported that among the U. S. soldiers stationed in England there have been only six deaths from disease and fortysix from road accidents. (Principal causes of the latter are said to be left-hand traffic rules and crooked roads.)

Lay Press Blundering

Unhappy results of the May 1942 Reader's Digest article on "athlete's foot," advocating application of a 50 per cent mixture of phenol and camphor, are described in the Rhode Island Medical Journal and piquantly presented in a cartoon in the Yale Record reprinted in Time Magazine.

A Providence physician writes to the journal of a 45-year-old man, a solderer in a jewelry factory, who applied the phenol-camphor solution and broke out with a mass of blisters on forearms and hands, with severe itching and pain. Evidently he did not have epidermophytosis but was allergic to one or more of the elements in contact with his hands, the physician points out.

The doctor blames "the facility with which the lay press throws in the laps of suffering humanity news which is published for the physician and which is supposed to be digested and eventually pre-



HEMATINIC PLASTULES*

The value of including liver extract with iron in treating secondary anemias in young children as well as adults has been demonstrated. In addition to the changed blood picture, patients' appetites improve, irritability disappears, activity and alertness increase, and there is a rapid gain in weight. In such cases Hematinic PLASTULES with Liver Concentrate are of therapeutic value. Each Plastule contains the equivalent of 52½ grains of fresh whole liver. The iron content is 2.5 grains of dried ferrous sulfate U.S.P.X. per Plastule. Suggested dosage—2 PLASTULES three times daily. Supplied in bottles of 50, 100 and 1000.

 Master, S., Groungard, J., and Kluver, C.: "The Value of Liver Extract and Iron in the Anomia of Young Infrata." J.A.M.A. 60:1000-1862.

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adding "Ster scribed under his responsibility."

The Yale Record cartoon shows an athlete talking to a companion after having submerged his foot in a footbath solution. The ankle and foot have been completely burned off. The caption: "Sometimes the Cure is Worse than the Itch."

Seeley Leaves P & A S

Lieut. Col. Sam F. Seeley, executive officer of the Procurement and Assignment Service since its inception last Fall, has been ordered to return to active duty in the army medical corps.

Kills Sterilization Law

Oklahoma's compulsory sterilization law for habitual criminals has been voided by the United States Supreme Court, not because of its sterilization provision but because it violates the clause in the Constitution guaranteeing equal protection under the law to all persons.

The appellant was adjudged an habitual criminal because he was convicted once of stealing chickens and twice of armed robbery. The statute excepted embezzlement from the feloncies to be considered in determining whether the defendant is an habitual criminal. Yet theft of another person's chickens (larceny) and theft of chickens entrusted to the thief's care (embezzlement) are intrinsically the same, the high court held, adding:

"Sterilization of those who have

thrice committed grand larceny, with immunity for those who are embezzlers, is a clear, pointed, unmistakable discrimination."

In a special concurring opinion, Chief Justice Stone termed the Oklahoma act constitutionally offensive because it condemned persons to invasion of personal liberty without opportunity to show that theirs was not the type of case which would justify sterilization.

Justice Stone said a State undoubtedly may, after appropriate inquiry, constitutionally interfere with the personal liberty of the individual to prevent the transmission by inheritance of his socially injurious tendencies. But he added that there is no existing assurance that the criminal tendencies of any class of habitual offenders are universally or even generally inheritable. The individual is entitled to an impartial inquiry as to whether that is the fact in his case, the chief justice held.

Medical "Commandos"

Mobile units of navy medical officers, to go ashore to treat wounded men while fighting is in progress, are being trained at the San Diego Marine Corps base. Young physicians who signify preference for service with the marines are being assigned to this duty, which is not voluntary.

An intensive eight-weeks course trains these medical "commandos" to work under actual combat con-



Both Fronts! is serving

National Electric Instrument Co., aut elmboret, L. L. N. ?

JULLY AWARE of its responsibility, first to the Armed Forces, and second, to the home-front, "National" has been on an "all-out" production basis for two yearscontinuously expanding facilities . . . adding machinery . . . consistently increasing man-power . . . working 24 hours a day . . . 7 days a week.

In addition to supplying thousands of retinoscopes, ophthalmoscopes and other instruments to the Medical Corps, "National" is producing hundreds of thousands of aircraft instrument parts, plus precision lenses and prisms for Bombers and other aircraft . . . Artillery fire-control apparatus-and other instruments of war.

Are You Ready for the Home-Front, Doctor?

During these abnormal times, you cannot afford to take chances with obsolete and inefficient instruments. You must have the best, particularly so since no one know how long it may be before new instrments are generally available. Today, you can still obtain National Instruments-by this may not be true three or six month from now.

If you really need a new instrument, w suggest you consult your "National Dealer at once.

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"If a a patien ditions. They learn, for example, how to set up a 500-bed hospital in the field with lightning speed. Such units accompanied the marines when they invaded the Solomon Islands.

Young doctors in top physical condition, of lieutenant, j.g. rank, also may volunteer for parachute training, given at the same base and at New River, Calif. When on duty in combat zones, they will he armed.

BMA Rejects Plan

By a vote of 177 to 20, the British Medical Association has refused to give its approval to a fulltime salaried government medical service.

Emergency Hospitals

Physicians should take the initiative in discouraging patients from making use of the facilities of emergency hospitals except in emergencies, the Milwaukee Medical Times contends in a recent editorial headed "Emergency Hosnital Abuses."

The editorial states in part: "A physician who finds himself called late at night to attend a patient has no right to refer that patient to the emergency hospital if he can administer treatment at home or at a private hospital. By referring the patient to the emergency hospital he is very likely to deprive a more needy patient of the resident physician's care.

"If a doctor is unable to attend

is not an emergency, he should refer the patient to some other doctor. A patient requiring lengthy hospitalization should never be sent to the emergency hospital."

Book on M.D. Rationing

Wartime demands upon the medical profession, and problems faced by patients whose physicians have gone into the armed forces, are discussed in the book "When Doctors Are Rationed," just published by Coward-Mc-Cann. The authors are Dwight Anderson, director of public relations of the New York State Medical Society, and Margaret Baylous, a therapist at the Charleston (W. Va.) General Hospital. Designed primarily for laymen, the volume deals with such questions as "how to choose a doctor," "how to avoid fakes and quacks," and "will rationing affect you?"

Drain on British Doctors

Among recent regulations announced by the British Medical Personnel Priority Committee are the following: an increase of from 41 to 46 in the age limit of doctors liable to be called to service; compulsory transfer of doctors from one hospital to another; six months' interneship for medical-school graduates; a reduction in hospital staffs of 15 per cent in London, 10 per cent elsewhere; and compulsory recruiting of woman doc-

Since the war the British Gova patient at any time and the case ernment has made arrangements

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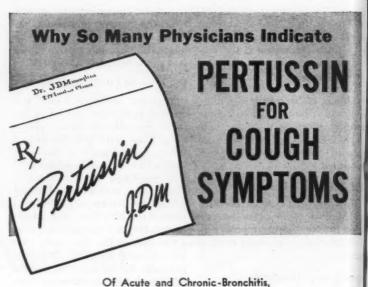
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Whooping Cough, Laryngitis, Paroxysms of Bronchial Asthma, Dry Catarrhal Coughs, Smoker's Cough

PERTUSSIN—a saccharated Fluid Extract of Thyme (process Taeschner) provides effective aid in modern cough therapy:

- 1. It stimulates tracheobronchial secretion
- 2. Thereby improving ciliary action, and
- 3. Aiding in liquefaction of mucus.
- 4. Depresses the cough reflex.

Pertussin is entirely free from bromides, opiates, chloroform, and creosote. Its palatable taste and freedom from any undesirable side actions should recommend its efficacious use along with other medication you may prescribe for your patient.

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with the General Medical Council to employ more than 800 alien physicians.

Tireless M.D.

St. Louis rationing officials recently wired a request to Salt Lake City authorities, asking them to stop a physician and confiscate his four new automobile tires. His rationing board asserted that he started a transcontinental pleasure trip soon after the tires had been issued with the restriction that they were for use only in driving to attend patients.

Blackouts and Health

Blackouts do not promote ill health, Hawaiian physicians learned after Pearl Harbor. In the first five months of 1942 the incidence of contagious diseases was materially lower than in the corresponding 1941 period, except as to typhoid fever (of which an epidemic occurred in March), pneumococcus pneumonia, and pertussis. No reason has been fixed for the increase in pneumonia except overcrowding of workers and importation of fresh strains of the organism.

Sulfa Censored

Postal censors have deleted from the magazine Science an item about a new sulfa drug valuable in combating dysentery. Correspondence between the magazine and postal officials revealed that the deletion was made "because our enemies in tropical regions might learn how to return the afflicted rapidly to the fighting line."

Commenting on the deletion, a New York Times editorial recalled that in 1917 the Secretary of War and the army surgeon general permitted publication, for humanitarian reasons, of information about the discovery of a gas gangrene antitoxin. The editorial pointed out that some of the censored material had appeared in newspapers and commented that editors of scientific periodicals probably are "better judges of what may or may not be of value to the enemy than technically incompetent postal authorities."

Fewer Frills

In a pamphlet issued by Doctor's Hospital, District of Columbia, patients are requested to forego luxuries for the duration. They are told that institutions are finding it difficult to obtain lay and professional personnel.

Morning visiting hours and alcohol rubs for patients not confined to bed are among the things

listed as unnecessary.

New Directory

Names of 201,272 physicians are listed in the new, 1942 American Medical Directory. Some 8,656 names were dropped from this latest edition, and 15,223 new ones were added.

The directory gives available information regarding members of the profession now in the armed forces. Reserve medical officers on active duty are listed at their permanent home addresses; officers not in the reserve are listed in the geographic section under Washington, D. C., instead of at the stations to which they have been assigned.

Battle Creek Sanitarium

The widely-known Battle Creek Sanitarium is now an army institution. It has been renamed the Percy L. Jones General Hospital. First soldier patients in the 1,000-bed institution were men in training who had contracted ailments requiring long treatment.

Deplores Suture Hoarding

Hoarding of catgut sutures by hospitals has been condemned by the Army and Navy Munitions Board in a letter to the American Hospital Association. The board appealed to the AHA to help control hoarding so that more stringent restrictions on the distribution of sutures could be avoided. According to the board, recent demands for sutures have been so great as to require the diversion to manufacturers of extra amounts of sheep intestine.

Aid Nursing Schools

A \$3,500,000 appropriation to help U. S. nursing schools train 10,000 more nurses than last year has been made by Congress. The U. S. Public Health Service is allotting the funds to eligible schools and the goal is to permit every



For surgery, anything less than 2500 foot-candles of cool, glareless, shadowless light is inadequate and obsolete. So give your eyes and your patients a square deal with Pelton E & O Surgical Light. Brighter than daylight, always ready, always the same.







The Four Horsemen ride again

WAR HAS ONCE AGAIN
loosed the Four Horsemen
of the Apocalypse upon the world
of the famine, sword, and
pestilence.

In the last war, the most deadly of these was pestilence. And today, in Europe and Asia, there is already a wartime rise in Tuberculosis . . . the dread TB that kills more people between 15 and 45 than any other disease.

You can help prevent a wartime rise of TB in our country by buying Christmas Seals today ... and using them every day from now to Christmas. They fight Tuberculosis.



BUY CHRISTMAS

The National, State and Local Tuberculosis Associations in SEALS the United States.

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qualified applicant to study, regardless of personal funds. Scholarship assistance as well as funds for additional instructors and facilities will be given the schools.

Allocation of Doctors

[Continued from page 40]

Migration on this point. The government, he said, is "preparing a decision on the largest and most efficient possible army which can be fully serviced by those who are left outside the armed forces. Until that decision is made, twin dangers face the Nation's war effort." On the one hand, Mr. Lund declared, men may be taken into the army and away from work which is important to the production on which the armed forces depend. On the other hand, there is danger that the armed forces may be denied the men they need to operate the war machine efficiently.

"The time has come," said Representative Tolan (D., Calif.), chairman of the Committee on Defense Migration, "when some clear decision between army and industrial needs must be made."

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Mr. Tolan decried the absence of a final authority to allocate the Nation's manpower resources between industry and the armed services.

"Whenever possible," asserts the War Manpower Commission, "civilian [medical] needs should be met through local arrangements, resources, and agencies." Individual members of the commission and of the Public Health Service have echoed this point of view. going on to say that they hope alleviation of the physician-shortage. where it exists, can be brought about on a voluntary basis. But there isn't much conviction behind their remarks. In fact, it is quite evident that voluntary efforts will be given a trial only to satisfy a profession which cling to the notion that voluntary action represents the democratic way of doing things.

That Mr. McNutt himself doubts the wisdom of a voluntary approach is indicated beyond doubt in some of his recent speeches. To illustrate:

"I have frequently been asked whether I consider that additional

"My little girl eats ND them like candy" TI says a New York phy-01 sician. RI A 6 grain tablet of so-SI dium bicarbonate and > I aromatics so palatable Z I the patient doesn't know PLE he is taking soda-does know he receives almost instant relief.

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 PROLUTON (4-pregnene-3, 20-dione; progesterone) is the crystalline pure corpus luteum hormone and actually costs less than most inert or impure extracts or residues.

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 Adequate dosage, now within the means of your patients, provides positive results in deficiencies which failed to respond to "weak" medication and low dosage.

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 Pranone is anhydrohydroxy-progesterone, only orally effective progestin capable of reproducing effects of parenteral therapy, economically and conveniently; in 5 & 10 mg. tablets.

because

 Adequate supplementary dosage or complete therapy with PRANONE is more practicable. Patients can now better afford higher and more potent dosages in oral therapy.

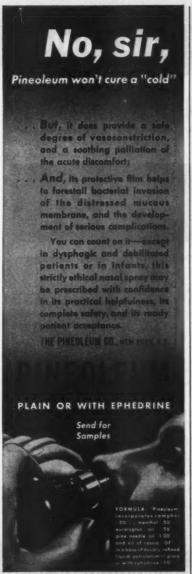
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FOR GREATER EFFICACY AND ECONOMY WHENEVER CORPUS LUTEUM THERAPY IS INDICATED...IN HABITUAL AND THREATENING ABORTION...IN DYSMENORRHEA AND IN PREMENSTRUAL TENSION AND FUNCTIONAL MENO-METRORRHAGIA

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legislative authority is necessary for an effective manpower program. As you know, we have been trying thus far to do the job by voluntary measures. . . There is good reason to doubt, however, that such measures will long be adequate. . . We are moving into a situation where the government must intervene increasingly. Government control of manpower transfers is bound to come. Because this is a total war and the right man must be put in the right place, that authority has got to be vested in one place. It is well to give the voluntary system every chance, but we must be realistic about this thing."

Mr. McNutt apologizes for the compulsion he believes necessary by stating that "It does not represent any sort of revolution, but is merely one of the grim necessities of war." Great Britain was forced to adopt sweeping manpower control as early as 1940, Mr. McNutt points out, adding that broad control measures have also been announced recently in Canada and Australia. Continues the commissioner:

"The manpower problems which we face are not essentially different from those of our allies, and it is unlikely that we shall be able to avoid the controls which they have found necessary."

Mr. McNutt declares that le doesn't want to raise in peoples minds "the specter of dictatoria government, moving people about with no regard to their convenience, and forcing them into work

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You can't afford tired eyes

You are too busy now, your hours at the office and hospital are too long, for you to suffer from eyes that are over-tired by inadequate general room lighting. And it is equally necessary for precision seeing that cavities be lighted by a proper spotlight. So now, more than ever, you need "Matched Illumination", as given by these two Castle Lights.

For Office and Hospital

Castle "G-V" Light—for general surface illumination. Gives soft yet extra brillant light over a table area, and suitable general light around the room. In examining rooms, and Hospital O. P. Depts. for critical seeing on surface areas, dressings and 101 other uses, except cavity lighting which needs the spotlight:

Castle No. 1 Spotlight—for Penetrating Cavity Illumination. Color-corrected beams of light penetrate deepest cavities ... seem to pass around your head, hands or instruments to give you working light where you need it.

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which may be contrary to their trial has been given to voluntary interests." Says he: "I should like methods of medical manpower to point out that this notion is entirely false and contrary to all experience in Great Britain and other democratic countries. . .

"In British experience, the great value of having compulsory powers has been shown to arise from their mere existence. The fact that the powers are in the background materially assists the work of voluntary transfer. Resort has to be had to the exercise of powers in only a limited number of cases. . . Under the British system anyone who is seriously affected by an administrative decision may present his case to an appeal board."

Some observers are inclined to believe that the voluntary method of redistributing civilian physicians will work in some areas and will not work in others, with the result that a combination of voluntary and compulsory efforts may be the solution. Meanwhile, one

thing is certain:

A good many physicians (almost all who have been interviewed by MEDICAL ECONOMICS recently) feel that an insufficient

control to justify thinking about compulsory methods at this stage. Several have commented to this effect:

"Thousands of medical men volunteered on their Procurement and Assignment Service enrollment blanks for civil practice in other localities. Why not give them a chance to make good on their

promises?"

In case assistance is needed to finance medical care in areas where a shortage of physicians is prevalent, Mr. McNutt advocates the appropriation of Federal funds for the purpose. He has recently approved the following statement

of policy:

Since these problems [of furnishing medical care] have been occasioned by the war, and in many instances transcend State lines, the Federal Government has a definite responsibility to cooperate with the States in meeting these needs by the provision, when necessary, of financial and technical assistance."

The tendency of the Adminis-

BARD-PARKER HEMATOLOGICAL CASE . a time-saver in bedside routine

Fully equipped for obtaining blood specimens. Provides a safe means of conveying, intact, diluted blood and blood smears to

the office or laboratory.

B-P Re-tested Pipettes are rechecked to establish existing differential errors. Such correction factor is plainly etched on each pipette as a means of insuring greater and more rapid interpretive accuracy.

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PARKER, WHITE & HEYL, INC. Danbury, Connecticut



... Effectively Flushes "thirsty" Intestines

Sal Hepatica, taken with plenty of water, is particularly indicated in constipation due to insufficient water intake. The solution of Sal Hepatica, through osmotic equilibrium, forms liquid bulb in the "arid" intestines for gentle flushing of the bowel and activation of peristalsis. Mildly alkaline Sal Hepatica often alleviates simple gastric disturbances and brings about an increased bile flow.

Sal Hepatica and water yield an effervescent drink of marked palatability.

SAL HEPATICA supplies Liquid Bulk to Flush the Intestinal Tract

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tration to offer financial encouragement to men needed in vital areas is apparent in the \$1 a day wage increase proposed recently for the country's copper miners. The proposal was put forth as a means of helping the War Manpower Commission to keep copper miners on the job and to attract additional workers. It represented the first instance in which the War Labor Board had been asked to establish a policy on wage increases for manpower reasons.

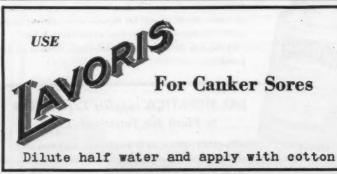
Already the Public Health Service is having difficulty getting civilian physicians for part-time work—because of this very matter of compensation. The PHS has long made a practice of utilizing private practitioners part time in return for a fee of \$7 per two-hour session. A good many men who were glad to get this work in previous years, the PHS says, now turn it down since they can make more money in their own offices or in industrial medical practice.

It is a matter of record that Federal employes were put on a draft basis in September. By virtue of a Presidential executive order at that time, Mr. McNutt now has the power to transplant any of 2,300,000 Federal workers—if necessary, without their consent. He has voiced the opinion since then that he would like to see the Government assume as complete control over people in private life as it has assumed over Federal personnel.

He may well get his wish—perhaps even before this appears in print. For by Oct. 1 the WMC had adopted a plan for the shifting of farm workers, and the prediction was then being made that industrial labor would be next, after which the shuffling of professional workers such as physicians would

be no job at all.

It did not seem likely last month that the manpower commission would begin shifting any large proportion of the population until it had received specific authority from either Congress or the President. However, it was apparent that that authority might





Right thumb shortly after accidental amputation by a buzz-saw. Metacarpal divided at its distal two-thirds.



27th day after accident and subsequent dressings with Nason's VITAGUENT (Cod Liver Oil Ointment).

A New Advance in WOUND and BURN Therapy

Commenting on the efficacy of cod liver oil as a remarkable aid in the healing of wounded and burned tissues, Dr. Parker C. Hardin, M.D., F.A.C.S., writes*: "The cod liver oil method is . . . a complete plan whereby all possible tissue is preserved, infection minimized, granulation stimulated and healing accelerated. . . I have found cod liver oil therapy especially applicable to extensive crushing or destructive injuries . . to compound fractures, gunshot wounds, major primary burns, and extensive ulcerations from deep third degree burns."

Nason's VITAGUENT is a cod liver oil ointment particularly developed for this new advance in wound and burn therapy, and for sores and ulcers. Rich in natural vitamins A and D, VITAGUENT (Nason's) is not only therapeutically effective, but also free from the disagreeable odor so common to some cod liver oil ointments.

Samples of Nason's VITAGUENT will be sent on request.

*Article in the Southern Surgeon, May, 1941.

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be granted at any moment.

The program for moving farm help was labeled by the New York Herald-Tribune as "the first of its application in the history of the country." It involved the transfer of some 600 men from West Virginia and adjacent States to Western New York, for the purpose of helping harvest truck crops. The War Manpower Commission recruited the men; the Farm Security Administration paid for their transportation and supplied housing facilities.

Passage of a National Service Act giving the government full power to draft manpower was described by Mr. McNutt last month as "inevitable." Even as he spoke, three national service bills had been drafted and two had been introduced in Congress. Sponsors of these bills were Senator Hill (D., Ala.), Representative Priest (D., Tenn.), and Senator Austin (R., Vt.). The measure introduced by Senator Hill, Administration whip, was offered as an amendment to the Selective Service Act and referred to the Senate Military Affairs Committee. It would enable the War Manpower Commission to draft men for civilian work, just as the Selective Service System drafts men for military duty. The Priest and Austin bills

are similar to the Hill bill in their

It appeared last month that even before a National Service Act were passed, the President might issue an executive order giving the War Manpower Commission immediate power to enforce its policies. A request for such an order had already been referred to Attorney General Biddle for an opinion as to its legality. An executive order would not necessarily be a substitute for legislation since it could readily operate along with a National Service Act.

-JUDD L. HOLLISTER

Personalized Forms

[Continued from page 58]

and presentable in appearance and when it may even be an advantage to have it recognized as a form. A good many collection letters fall in this category. Your object is to remind the patient of his obligation, vet you may not wish to indicate that you have singled him out as a special offender.

Text to be multigraphed is composed in actual typewriter type. Copies are run off on a miniature rotary press, the impression being struck through regular typewriter ribbon. Fill-ins often match the



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Bloodless CIRCUMCISION TECHNIQUE

Gomeo Circumcision Clamps make a bloodiess technique a practical reality! The operative procedure is greatly simplified-requires less time-gives clean cut inclaioss which seal in 24 hours. No sutures are required in the newborn, and the danger of infection or hemorrhage is greatly lessened. Write for Pres technique folders.

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.... But Don't Overlook the Gold

Flush the bile ducts—but more, aid fat digestion! Dehydrocholic acid induces the liver to excrete more thin bile than any other known agent. Desoxycholic acid chiefly assists in the emulsification and absorption of fats and fat-soluble vitamins by the small intestine.

DOXYCHOL combines dehydrocholic and desoxycholic acids in pure, potent forms. With it the bile ducts are sluiced and there is the golden increment of better fat digestion. Fat particles are made accesible to fat-splitting agents. Lipase is thereby activated

and the solubility of the fatty acids increased. There is an increase in the total solids of the bile secreted. With the amplified flow through the bile ducts, the elimination of nitrogenous waste products and other toxic substances is stepped up.

DOXYCHOL composed of dehydrocholic acid 3 grains and desoxycholic acid 1 grain is supplied in tablet form in bottles of 100, 500, and 1000.

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body of the material surprisingly well, but the result can still be distinguished from original hand typing. Cost for 100 letters of the length already specified is about \$3.25. The second 100 will cost about \$2.50.

Mineographing, when compared with the other methods of duplication, is one of the simplest. Reproduction is by means of a stencil on which letters are cut by a typewriter. The text is transferred to the copy paper by squeezing ink through the stencil.

Mimeographing is best used for such things as impersonal lists where appearance is unimportant; when reproducing scientific papers for newspaper release; and for form notices to insurance companies, committee members, etc. It should seldom, if ever, be used in communicating with patients. For the first 100 copies (250 words), the price is about \$1.50; for the next 100, about 50 cents.

Photo-offset is often employed in the reproduction of material that has already appeared in print, when the type is no longer standing. In such instances it is usually cheaper to duplicate by this method than to have the type reset. A particular advantage sometimes is that line illustrations can be reproduced along with the text. The

photo-offset process, as its name implies, is a combination of photography and offset printing. For 500 copies of a 4-page article (MEDICAL ECONOMICS page size) the cost is about \$6.

-ARTHUR SPANE

Combating Battle Strain [Continued from page 61]

In the process of leaving a sinking ship there are also likely to be a number of broken backs, caused by collision of the victims with the bilge keel.

As if these things were not enough, the ship's doctor is also faced with dietary worries in his effort to lessen the time required to achieve normal night vision when coming on the bridge after dark. Night vision grows progressively worse with the time spent at sea. Its improvement by diet is not an easy matter, particularly on submarines because of the difficulty of fruit storage.

-MARIE BEYER O'BRIEN

Medical Conventions

[Continued from page 59]

and to choose areas which are not primarily engaged in war production. St. Paul, Minneapolis, Chicago, St. Louis, and Kansas City

BURNHAM SOLUBLE IODINE

Has a long record of therapeutic success in the various indications for iodine medication

Burnham Soluble Iodine Co., Auburndale, Boston, Mass.



TO THEM IT WAS A "LIMB"

IN the plush and gilt homes of these mid-Victorians a leg was a "limb", and constipation, "biliousness", for which the proper cure was a strong "physic". That they managed to survive and reach ripe ages is a tribute to their innate robustness.

Today we have different ideas about what constitutes a good therapeutic measure in the relief of constipation. Physicians the world over have adopted Agarol as an evacuant that assures results the easy, gentle, yet dependable way. The original mineral oil-agar-gel emulsion, with phenolphthalein, Agarol acts by softening the intestinal contents, making their propulsion painless and easy, and at the same time supplying the stimulation needed for thorough evacuation.

If you are not yet acquainted with Agarol, we suggest that you send for a free trial supply, addressing your request on your letterhead to the Department of Professional Service.

AGAROL WILLIAM R. WARNER & CO., INC.

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will probably be the locale of more meetings than usual.

The prospect is that despite difficulties, many abbreviated medical conventions will be held next year. The AMA reports that seventeen State societies already have arranged their 1943 meetings. A number of manufacturers and dealers in medical supplies have indicated that they will be willing to help underwrite the costs of conventions, even though denied an opportunity to exhibit.

The government appears to favor medical conventions when they can be held without conflict with the war effort. It recognizes that such meetings are of real educational value in acquainting physicians with the war's medical

problems.

-RUSSELL MABRY MACLELLAND

Military Service Questions

[Continued from page 51]

in which case he must also be acceptable for appointment. A similar ruling governs transfers from the army to the navy.

to furnish any of his own instruments?

A. "Musical only," says a wag in the War Department.

O. Since medical schools will graduate their seniors in March next year, it appears that present internes will receive only nine months' training and be replaced in April 1943, thus making them ineligible for commissions in the army medical corps. Is that true?

A. It is true that an applicant for a commission must have had a year's interneship. Because of this. every effort is now being made so that present internes will get a full year's interneship. This means overlapping two complete classes for a period of three months, with all the teaching, housing, and other difficulties which that suggests; yet there are hopes that it will workespecially as the number of residencies is being simultaneously reduced.

O. What type of work do army medical officers do when assigned to limited service, and what are their hours?

A. Duties and hours are prac-O. Is a medical officer expected tically the same as those of officers

WHAT ABOUT INDUSTRIAL DERMATITIS?

PLY Liquids or Creams form an invisible, harmless covering for the skin...preventing irritation or further aggravation of existing condition. NOT a substitute for therapy. Merely an effective mechanochemical aid in prevention.



9 Write today for authoritative booklet The Answer to Industrial Dermatitis

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Particularly Effective in Burns of Hands, Face, Joints, Feet . . .



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(1) W.R. 60 years. Admitted 11/14/39. Severe 2nd and 3rd degree burn left hand. Treatment: Foille.

The above author says in part: "A preparation under the trade name of Foille has been used extensively, and in the writer's hands very successfully.

... In severe cases it can be used spenly with the applications made frequently, and the patient kept under a heat cradle, or by closed dressing method, with dressings being done at three to four day intervals. As a satement of comparison, in a series of over 150 cases, less infection was found than with any other agents used."

We invite interested physicians to write for full descriptive literature and sample of Foille for clinical test purposes. Under wartime conditions the problems surrounding adequate burn treatment are accentuated and each burn is a potentially infected case by the time active treatment can be instituted.

Such being the case, the findings of Capt. E. C. Gay, Med. Corps. U. S. Army (The Military Surgeon, 91:298-305, Sept. 1942) should carry added weight with the physician in industrial or private practice.

FOILLE



(2) No skin grafting. Finally healed 2/17/40. Little loss of mobility. Can almost clench fist.

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In dealing with borderline B complex deficiencies, attack with a potent weapon—

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Complete Vitamin B Complex

Elixir — 4-oz. and 12-oz. bottles Tablets — bottles of 100.

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WASHINGTON IS LIKE THAT –W. M. Kiplinger

THE LAST TIME I SAW PARIS
Elliot Paul

VICTORY THROUGH AIR POWER-Major A. P. de Seversky

One of these (or any other singlevolume best-seller) is waiting for every MEDICAL ECONOMICS reader who submits an acceptable idea on the business side of medicine. The idea may be a time-saver, work-saver, expense-saver, or practice-builder. Address MEDICAL ECONOMICS, Rutherford, N.J. on unlimited service. Main difference is that the limited-service officer is usually kept out of the field and out of battle theaters.

Q. If a physician applies for a commission in the navy and is rejected for faulty vision, is he thereby relieved of the obligation of serving in the army?

A. No. The army's visual requirements are lower than those of the navy, so the candidate may quite possibly be accepted. If he is not, he can then apply for limited service, in which the visual requirements are lower still.

Q. In 1941, at the age of 30, 1 applied for a commission but was permanently denied it on the basis of a physical defect which is not superficially apparent. I am now suffering some embarrassment by being considered a slacker. What provision has the Government made for the designation of men who have volunteered but have been rejected?

A. None yet, but the problem has been under consideration for some months. As early as last Spring, it was proposed that a button (or badge, or rosette) be issued to physicians who had been deemed (1) essential or (2) physically disqualified—the button to be refused to men who were acceptable for commissions but who did not apply for them. The fly in the ointment was the difficulty to be expected in recalling buttons from doctors whose status might change (e.g., from essential to available). To get around this, it has since been suggested that, in

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RATIONAL POTENCY

Whites NEO MULTI-VI CAPSULES

MARKED ECONOMY

Here in a single capsule is a potency that is safely in excess of basic adult daily requirements*, yet not wastefully in excess of the patient's needs or perhaps his ability to assimilate. (See table below.) White's Neo Multi-Vi Capsules are priced to establish a new level of economy to patient. Supplied in bottles of 25 and 100 capsules.

Some of the indications are:

Chronic diarrheal states Therapeutic dietary restriction In febrile disorders In the final trimester of pregnancy **During** lactation Hyperthyroidism

VITAMIN	Minimum Daily Requirements* (Adult)	One Neo-Multi-Vi Capsule	Full Daily Allowances** (Adult)
A	4000 U.S.P. Units	U.S.P. Units	5000 U.S.P. Units
D	U.S.P. Units	U.S.P. Units	400-800 U.S.P. Units
Thiamine Hydrochloride U.S.P. (Vitamin B ₁)	1 mg.	1.5 mg.	1.2-2.3 mg.
Riboflavin	2 mg.	2.5 mg	1 8-3.3 mg.
Nicotinamide	(10 mg.)**	20 mg.	12-23 mg.
Ascorbic Acid U.S.P. (Vitamin C)	30 mg.	50 mg.	70-75 mg.
Pyridoxine Hydrochloride (Vitamin B ₀)	†	1 mg.	·
Calcium Pantothenate	†	1 mg.	†

^{*}Established by Food and Drug Administration **Recommended by National Research Council. †Requirements not established.

LABORATORIES, INC., NEWARK, N. J.

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blem n for last bute isbeen physn to e acwho fly in ty to ttons night stead of a button, a certificate be issued which the doctor could display in his office yet which would be prominently dated and valid for only a limited period. No action had been taken on the suggestion up to October 1.

Q. It is implied in one of your recent issues that Austria is an enemy nation or a nation friendly to the enemy and that, in consequence, Austrian citizens cannot get commissions in the U.S. Army Medical Corps. Are you quite sure of this?

A. Quite.

Q. Can a medical officer's salary be attached?

A. No. Neither can that of any other federal employe.

Q. Are funds deducted from a medical officer's pay for the support of his family, or is the sending of money to his family left up to him?

A. If the officer requests that such deductions be made, they will be. Otherwise the only deduction is for mess charges while with troops in the field.

Q. Can a doctor of military age in federal Civil Service be called upon to join the army or navy?

A. If he is acceptable to one of the armed services and can be replaced by a man who is not—yes.

Q. Does a practitioner who is

under 37 and who has a specialty get a captain's commission in the army medical corps?

A. See "Army Raises Standards for Rank Given New Medical Officers," this issue.

Q. Shouldn't the rank granted a new recruit in the medical corp bear at least a reasonable relation to the man's financial attainments in private practice?

A. To this the War Departmen voices an emphatic no, declaring that rank depends properly on doctor's qualifications not on the amount of money he has been able to earn. A \$20,000-a-year practioner with a first-rate bedsid manner but of mediocre training may quite possibly merit a lower rank than a well-trained colleague of top-flight qualifications by modest income.

Public Health Service

[Continued from page 55]

Carville, La., is devoted exclusively to lepers. Another, at Fort Stanton, N.M., is a tuberculosis sanitarium

This division also conducts vision and hearing tests for applicants for licenses as ship officer, pilots, and lighthouse keepers. If furnishes medical service for the Coast Guard, and gives physical examinations to seamen in the

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"Eyes Right" Has Never Meant So Much To America

EVERY job in Production for Victory calls for top visual efficiency. This means that eyes must function unfailingly and unflinchingly—at lathe, bench and on assembly line, in research and control laboratory, over drafting board and foundry flask.

Upon the skill and training of the nation's thousands of eyesight specialists rests the responsibility of forestalling eyestrain as an unconscious saboteur.

As a maker of ophthalmic products the instruments used in the scientific examination of the human eye, the spectacle lenses and frames which these specialists use—Bausch & Lomb has an important part in America's war effort.

In the development and manufacture of actual fighting equipment, such as rangefinders, aerial height finders, binoculars, aerial map-making equipment, Bausch & Lomb is serving the Armed Forces directly. At the same time, Bausch & Lomb is providing the metallographic equipment, the microscopes, spectrographs, contour measuring projectors, optical glass and special instruments required by other manufacturers in filling military needs.

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ANAMERICAN SCIENTIFIC INSTITUTION PRODUCING OPTICAL GLASS AND INSTRUMENTS FOR MILITARY USE, EDUCATION, RESEARCH, INDUSTRY AND EYESIGHT CORRECTION

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merchant marine. It assigns PHS officers to Coast Guard cutters on all types of patrol duty, and for many years it has regularly wirelessed medical advice to ships at sea.

VENEREAL DISEASES

This division is active both in the study and treatment of venereal disease. It conducts surveys in specific communities to determine the incidence and trend of syphilis and gonorrhea in the United States, and it maintains a substantial number of trailer units for treatment of the diseases.

For example, on one occasion the PHS sent twenty-four trailer units through three counties in Southern Georgia. In addition to treating infected persons, public health men went into schools, homes, and churches to take blood tests. Education was promoted through movies, lectures, and leaflets.

The VD division maintains a laboratory for venereal disease research at Staten Island, N.Y. Several years ago it conducted a special study which now makes it possible for State public health laboratories to evaluate their sero-diagnostic procedures each year. This annual evaluation is regarded by the division as one of its most important services.

The PHS has trained a number of regional venereal control officers to assist State agencies, and it has prepared leaflets on the diagnosis and treatment of venereal

When an air raid comes

the lives of your loved ones may depend on the range and altitude finder. This device is an essential *What You Buy With WAR BONDS

element in anti-aircraft fire control. It is an optical instrument, designed to mathematically and automatically compute firing data required.

One of these devices costs about \$20,000 and we need hundreds of



them. You can help pay for them by investing at least ten percent of your income in War Bonds.

Your War Bond investment at maturity, will pay you \$4 for every \$3 you invest.

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diseases which are offered without charge to physicians.

The division operates the Venereal Disease Medical Center at Hot Springs National Park, where there is an out-patient clinic for persons who cannot afford private treatment, and an infirmary for totally indigent persons. At this center, private physicians as well as health officers are offered an opportunity for training in the diagnosis and clinical management of venereal diseases.

PHS officers of this division are sponsoring a campaign for (1) free laboratory service available to all physicians, including microscopic examinations, serologic tests, and examination of gonococcus smears; (2) free distribution of antisyphilitic drugs, through physicians, to all patients, regardless of economic status; and (3) formulation of a broad educational program for both physicians and the public.

MENTAL HYGIENE

This division operates two hospitals for the confinement and treatment of persons addicted to the use of opium, cocaine, cannabis, indica, peyote, or derivatives of any of these drugs. One institution is located in Lexington, Ky., the other in Fort Worth, Texas.

It also carries on extensive re-

search into the causes and treatment of drug addiction. Although all addicts are eligible for treatment at these hospitals, most patients there have been transferred from prisons, where they were sent for violation of narcotic laws.

This division also conducts studies in clinical psychiatry and mental diseases. It furnishes medical care to prisoners in Federal prisons, and it operates a hospital at Springfield for persons charged with or convicted of Federal offenses, who are insane, afflicted with incurable or chronic degenerative diseases, or mentally defective. Besides, the division gives psychiatric diagnostic service to certain Federal courts to help determine the mental status of defendants.

SANITARY REPORTS

The Division of Sanitary Reports and Statistics has been called the intelligence office of the Public Health Service. Its primary duty is to collect and distribute information concerning the prevalence of disease. Data are gathered from all parts of the world (in peacetime) through foreign governments, American consular officers, and PHS representatives abroad.

Weekly reports are sent to headquarters by State officers and by

COOPER CREME

No Finer Name in Contraceptives
WHITTAKER LABORATORIES, INC.
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NEED NOT BE UNBALANCED

The problem of supplying adequate amounts of essential nutrients, when the diet must be bland and low in residue, loses much of its difficulty when New Improved Ovaltine is used as the mealtime beverage and for supplemental feedings.

This delicious food drink provides a high percentage of the daily requirements of biologically adequate protein, essential minerals and vitamins, in a form not only palarable but also readily utilized by the organism, with a minimum of digestive effort.

Since specialized G-I diets are usually high in carbohydrates, it is

of moment also that Ovaltine aids in starch digestion through the action of its high diastatic malt content.

Inproved Or	raltine provide:	
	Dry Ovoltine	Ovaltine with milk ⁴
PROTEIN		31.20 Gm
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	3.15 Gm.	
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PHOSPHORUS	6 . 0.25 Gm.	0.903 Gm.
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2 KINDS - PLAIN AND CHOCOLATE FLAVORED

Ovaltine now comes in 2 forms—plain, and sweet chocolate flavored. Serving for serving, they are virtually identical in nutritional value.

Physicians are invited to send for individual servings of New Improved Ovaltine. The Wander Co., 360 N. Michigan Ave., Chicago, Ill.

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local health officials in some 600 pour into headquarters. It has cities. (These men serve as col- more than 2,000 different publicalaborating-or assistant collabo- tions for distribution; and about rating-epidemiologists and are 350,000 leaflets and answers to letpaid \$1 a year by the PHS.) With ters requesting information are this information, the Public Health mailed out each year. Service issues weekly health reports which are sent to all PHS far-removed from the bird, flower. officers and to libraries and insti- and sex leaflets the service mailed tutions here and abroad.

of radio talks on health. Special ease folders carry such provocaemphasis is given to health work tive titles as "Are You Being Played among Negroes, to whom it ap- for a Sucker?" and "You Can End peals through lectures, sermons, this Sorrow." Multi-colored posters motion pictures, charts, etc. It co- are widely distributed, stressing operates actively with the Office such themes as "No Home Remof Negro Health Work.

The division also handles the ilis or Conorrhea." vast number of requests for litera-

Public health literature today is to school teachers twenty years This division sponsors a variety ago. For example, venereal disedy or Quack Ever Cured Syph-

Incidentally, this division reture and health information which ceives some strange mail. Not long



RALKS' IDEA

SUCTION AND PRESSURE TREATMENT UNIT

The Ralks' Unit is outstanding because it offers maximum utility at a moderate price for either private office or clinic use.

It now has the new spring suspended motor compressor unit, thus making it noiseless and vibrationless. The compressor is connected direct to motor. There are no belts to slip, stretch or break; no valves, balls or springs to rust or to get out of adjustment. Lubrication is the only care required.

Cabinet is white enamel. Walnut or mahogany color finish at \$5.00 extra. All trim is chromium plate, top is black glass.

No. 4143 without ether bottle enamel cabinet)\$155.00 4145 complete with ether bottle (white enamel cabinet) \$170.00

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Each capsule of PENDRON contains all of these vitamins in the amounts recommended by official governmental agencies. In addition, PENDRON contains the recently discovered vitamin B factors—vitamin B₆ (Pyridoxine Hydrochloride) and Calcium Pantothenate (Filtrate Factor).

Each capsule of PENDRON contains:

Vitamin A (Fish Liver Oil)
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Vitamin B ₁ (Thiamine Hydrochloride) 333 U.S.P. Units 1 milligram
Vitamin B ₂ (Riboflavin, Vitamin G) 800 S-B Units 2 milligrams
Vitamin B ₆ (Pyridoxine Hydrochloride) 1 milligram
Vitamin C (Ascorbic Acid) 600 U.S.P. Units 30 milligrams .
Niacin Amide (Nicotinamide, Pellagra-Preventive Factor) 20 milligrams
Pantothenate Calcium (Filtrate Factor) 1 milligram

Available in bottles of 30 capsules—full month's supply
PENDRON is made only in the distinctive two-color gelatin capsule.

Products of Nutrition Research Laboratories are promoted only through the medical profession.

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000 questions which it had been called upon to answer. One writer wanted to know: "Are there any drafts, besides in a stove?" Others asked if it is true that dried chicken gizzard is a cure for cataract and if eating poison ivy leaves prevents pregnancy. One earnest inquirer even asked the PHS to discuss the advantages of mechanical dishwashing.

INSTITUTE OF HEALTH

The National Institute of Health is the laboratory of the Public Health Service. It operates under an act of Congress providing funds for "the investigation of infectious and contagious diseases, and matters pertaining to public health."

The institute engages in these nine fields of research: chemistry, chemotherapy, biologics control, industrial hygiene, infectious diseases, pathology, zoology, public health methods, and cancer,

Suggestions for research projects come from physicians, laymen, and scientific institutions, though the institute initiates many investigations itself. Among the 250-odd projects which are carried on si-

ago it published a report on 10,- multaneously are studies in vitamin deficiencies, malignant tumors, caisson disease, rheumatic heart disease, child hygiene, occupational diseases, selenium intoxication, bacillary and amebic dysenteries, Rocky Mountain fever, and typhus.

> An important function of the institute is the laboratory examination of serums, vaccines, antitoxins, etc. Under federal law all such biologics intended for human use after interstate commerce are licensed and controlled under PHS authority. The institute investigates methods of manufacture, standardization, purity, potency,

PERSONNEL AND ACCOUNTS

This division supervises all Public Health Service personnel, finances, and property records.

Recently the Public Health Service has concentrated upon problems related to the war effort, such as intensified study of tropical diseases, industrial illness, and aviation physiology. It has hinted that it would like to take a crack at the rehabilitation of men rejected by local draft boards for physical

RAISS FERRUGINOUS AMPOULES

Exact Fraisse formula, now made here AMPLE SUPPLIES AVAILABLE

. . . 0.01 (1/4 gr.) Iron cacadylate . . Sodium glycerophosphate 0.10 (1½ gr.) Strychnine cacodylate 0.0005 (1/120 gr.) Cacadylic acid 0.003 (1/20 gr.) Before accepting as a fact that ANY of the products we distribute are unavailable, please write us.



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MENNEN ANTISEPTIC OIL is used in most hospitals . . . recommended by most physicians ... used on more babies than any other oil. It is markedly different from other baby oils . . . provides many essential advantages, including:-

ANTISEPTIC PROPERTIES . . . No other widely-sold baby oil is antiseptic. But Mennen Oil is definitely antiseptic, reduces surface bacteria, helps fortify the infant skin against bacterial invasion.

ANODYNE ACTION... No other widelysold baby oil contains anodyne medication. Mennen Antiseptic Oil does. It soothes the smarting of chafed skin, excoriated buttocks, etc. It allays itching-hence adds to comfort and safety.

DIAPER RASH . . . No other widely-sold baby oil contains medication which inhibits bacterial decomposition of the urine, thus helps prevent diaper rash.

SELF-STERILIZING ... No other widelysold baby oil is self-sterilizing. Mennen Oil is. Also, it will not turn rancid.

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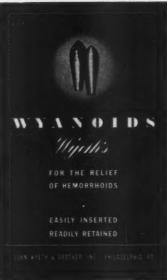
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WHEN THE PATIENT
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Nothing is more aggravating to
nerveus patients than long wailing periods before sleep makes
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Neuronidia promptly and gently
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the land of restful slumber and
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Literature and sample on request.



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20 Cooper Square New York, N.Y. Pharmacentical and Research Laboratories reasons. And it is exceedingly active in the plans now being matured to redistribute civilian physicians to cope with war dislocations.

In fact, the war has brought the service into a prominence it never before has enjoyed. There is evidence of sound prophesy in the comment which Fortune made before the war in a review of the work of the PHS:

"The national defense program, by emphasizing the concept of total health, is enlarging enormously the significance of the PHS... The Public Health Service will very likely issue from the present emergency as a full-fledged department of the U.S. Government."

-ROBERT L. HALE

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Procurement of Doctors

[Continued from page 46]

Applicants for commissions in the medical administrative corps are usually selected from the enlisted ranks of the medical department. A few with experience as hospital administrators are commissioned from civil life.

MAC officer candidates are trained in the maintenance of hospital records, mess management, supply accounts, and a variety of other administrative functions. When commissioned (as 2nd lieutenants), they serve as inspectors, adjutants, mess officers, etc.

Prior to Pearl Harbor, a medical reserve officer could be called up for active duty only if there

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if Needles were This BIG!

Because no single needle requires much brass, nickel or steel, conservation may not seem important.

But the sum total of all needles used by physicians, hospitals and the armed forces is an impressive amount. It contains great quantities of these strategic metals, vital to victory.

That's why it is important to help conserve needles—especially if it can be done without impairing their usefulness. So we have contributed our knowledge gained in a quarter of a century of making needles to perfecting a New Needle Conservation and Protection Plan.

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Longer Life for Hypodermic Needles; to minimize breakage; to secure maximum usefulness under all conditions. It explains how to protect points and edges during sterilization. It includes a plan for selecting the right needle for the right use. In short, it shows the way to get longer-life from your present needles and those you may buy in the future.

A complimentary copy of this New Needle Protection Plan will be sent you, with our compliments, doctor. Just write your request on your prescription pad. No cost; no obligation. This is just one small way in which we can contribute to the war effort while serving the many thousands of VIM Needle users throughout the nation.

Your copy of the VIM Needle Protection Plan will be sent posthaste upon receipt of your request, doctor—fully illustrated, to show you how to get Longer-Life Usefulness and better performance from VIM Needles.



VIM Trade Mark Registered

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nedicalled there was a specific assignment for him to fulfill. Today it is different. A pool has been authorized-comprising both general practitioners and specialists-from which the medical corps can make withdrawals as the need arises. In the army medical corps pool at this time are more than 1,000 officers. These men are in training and will subsequently be assigned.

Medical officers scheduled for tactical assignments (with troops) are receiving instruction at medical replacement training centers. Those scheduled for professional assignments (in hospitals) are stationed at army general hospitals. Others are getting special training for special work (e.g., at schools of tropical medicine).

-WILLIAM ALAN RICHARDSON

Sidelights

[Continued from page 28] watchmen and tool checkers. Ap-

found for those whose defects may

ples, many elderly persons can

propriate work is likewise being be more, or less, severe. By observing geriatric princiagain become effective workers. Until the war is over, a great number of them will be needed to keep the wheels of industry turning. It is the job of the medical profession to maintain them in good health.

Military Announcements

[Continued from page 47]

their departure, there are a number of alternative ways in common use. Here are the principal methods physicians are using to announce their departure:

Word-of-mouth. Many doctors regard this method, when practicable, as preferable to all others. Says one man: "I made a point of notifying every patient who called at my office, and I visited the homes of others whom I particularly wished to see, as well as those who I knew would spread the news around." The obvious advantage of this method is that it's highly pleasing to the patient. Moreover, many doctors believe it is the surest way of emphasizing that their practices will be resumed after the war. Their argument is



Sani-Seal The Sanitary Dispensing Envelope Reg. U.S. Patent Office

Used Daily by Thousands of Physicians

Your patients will like this convenient pill envelope. It seals without being moistened and opens and closes without being torn. Send your order today.

Printed to your copy at these prices: 1000, \$2.85; 3000, \$7.25; 5000, \$10.95 Parcel Post prepaid within 300 miles; Express collect beyond 300 miles.

Need Bills? Order 1000 53/4x7 with 1000 printed window envelopes for \$6.42 ASK FOR PRICE LIST AND SAMPLES

PERRY PRINTING COMPANY, New Bloomfield, Pa.

Specialists in Physicians' Printing for Over 20 Years

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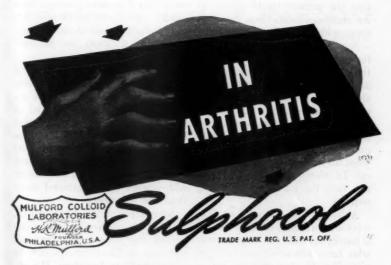
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The patient wants relief from pain—the physician must try to prevent further joint damage and deformity.

Colloidal sulfur is a valuable aid in accomplishing both objectives. By its detoxifying action it reduces joint swelling and thus lessens pain, and also prevents or minimizes further joint involvement.

SULPHOCOL offers all the advantages of colloidal sulfur therapy, plus the added factor of non-specific stimulation of antibody formation—two widely used forms of treatment. Over a period of years SULPHOCOL has been used with satisfactory results in thousands of arthritis patients. The accumulated literature and clinical experience is ample proof of the efficacy and safety of this form of therapy.

SULPHOCOL is available in two forms —SULPHOCOL, in capsules, for oral administration and SULPHOCOL SOL for parenteral use.

We will be glad to send additional information. Write to National Drug Co., 4463 Stenton Ave., Phila., Pa.



PHARMACEUTICALS, BIOLOGICALS, BIOCHEMICALS FOR THE MEDICAL PROFESSION

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away without reading it carefully.

for this approach is that it allows homes are involved. the physician considerable leeway he knows very well where he is going, what his duties will be, what his rank as an officer will be, etc. To others he may wish to mention only the bare fact of his departure.

Although this expedient can work well in small communities, it chiefly those in small towns, make is hardly feasible for most doctors use of the society and personal who have extensive practices or who live in metropolitan areas. Whether it can be used successfully even in small towns depends may be missed by many patients. largely upon how much time the physician has before he enters active duty.

less personal than a face-to-face ments with personal letters to a setalk, a brief chat with patients lected list of patients. Many are over the telephone offers most of inserting brief notices in newspathe same advantages. Perhaps the pers after they have mailed cards. chief merit of the telephone meth-

that the patient might glance at od is that it is more personal than an announcement, then throw it cards, yet consumes much less time than the word-of-mouth way, Another advantage put forward especially if visits to patients'

Letter. Some doctors, too pressed in determining what information for time to employ either of these should be given to specific pa- methods, are announcing their detients. For example, the doctor parture by means of personal or may wish to tell patients whom form letters. The advantage is that more detailed information can be given than is possible on a formal announcement card. This method is especially useful for the doctor who wishes to recommend more than one substitute.

Newspaper notice. A few M.D.'s, columns of local newspapers to announce their departure. The obvious drawback is that the item

Incidentally, it is not unusual to employ a combination of methods. For example, some physicians are Telephone. Although somewhat following up formal announce-

[Turn the page]

SIMPLE PRESCRIPTION

FOR PAINFUL FEET AND WEAK ARCHES

Handling cases involving Foot Arch relief is now greatly simplified for the Physician. A simple prescription, directing the fitting of Dr. Scholl's Arch Supports, suffices to insure the patient being properly fitted. Leading Surgical, Shoe and Department Stores and Dr. Scholl's Foot Comfort Shops feature Dr. Scholl's.

DESCHOUS ARCH SUPPORTS **FOOT COMFORT**



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PROVIDES THE FLEXIBILITY YOU'D WANT IN A SINGLE-TUBE X-RAY UNIT



No longer does it hold true that a single-tube combination x-ray unit for radiographic and fluoroscopic diagnosis imposes sacrifices in flexibility and operating efficiency to such extent as to offset the factor of moderate price.

Once you see a G-E Model R-39 put through its paces you'll be convinced that this practical design successfully solves difficulties heretofore experienced with combination units of this type. You'll observe how quickly and easily the x-ray tube can be manipulated for radiography or

fluoroscopy to all parts of the body, vertically, horizontally and angularly —under, over, crosswise or lengthwise the table.

You'll be interested in the many attractive features built into this highly efficient 100-milliampere x-ray unit, as described and illustrated in Pub. No. B211. Write for your copy today.

GENERAL SELECTRIC
X-RAY CORPORATION
2012 JACKSON BLVD. CHICAGO BLL U. L. L.

Today's Best Buy - U.S. War Bonds

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But most doctors mail formal announcements. A study of a substantial number of these cards reveals that practically all feature three points: (1) the doctor hasbeen called to military duty; (2) he will discontinue private practice for the duration; and (3) he will resume practice after the war.

How are cards worded? A substantial number feature only the doctor's name and address and the three points mentioned above. A few announce only that the doctor has been called to war duty, and make no reference to post-war practice. However, some not only specify the branch of the service which the doctor is entering, but add his rank as an officer. For example, this is typical of such announcements:

Dr. ROBERT BLACK 100 Main Street Chicago, Illinois

Announces that he has been called to active duty with the U.S. army as a lieutenant in the medical corps. He will resume his practice after the war.

Some physicians, however, point out that mention of rank may create an undesirable impression upon patients. Their argument is that such announcements smack of "blowing your own horn."

A number of M.D.'s are employing departure announcements to recommend substitute physicians. Here is an example:

DR. ROBERT BLACK
Announces that he will leave
for active duty with the
U.S. Army on November 15
During his absence his practice
will be continued by
DR. CHARLES WHITE
100 Wilson Street Chicago, Illinois

Several physicians call attention to the fact that phrasing is important in the matter of recommending a substitute. For example, the use of such words as "all records have been turned over to Dr. Charles White," can arouse resentment among some patients. MEDICAL ECONOMICS reporters have found that many laymen believe that medical records should not be transferred from one doctor to another without the prior approval of the patient.

The Philadelphia Medical Society neatly solved this problem by recommending that members entering the service notify patients that "Dr. A's records will be available, during his absence, to Dr. B at the request of his patients."

Most physicians agree that a simple, dignified card is best. A humorous touch might conceivably be in order if handled carefully. However, there have been a few dubious examples in recent

AN APPRECIATION

Adequate detail work is most difficult these days. But our physician friends are loyally standing by ALKALOL and IRRIGOL. You may be sure we are grateful.

THE ALKALOL CO.

Taunton, Mass.

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1. A bear has a pretty nice life. No worries about war or taxes. When he wants to sleep, he sleeps—for a long time. How unlike some of your patients who are kept awake by the caffein in coffee!



You know these people who ought to relax instead of belting their systems with coffee containing caffein. They love coffee, can't resist it, and then toss and turn far past the witching hour.



3. Why not start those people on Sanka Coffee, the real coffee that's 97% cafein-free and can't keep anyone awake? None of the rich flavor or aroma is removed—and what flavor and aroma!



4. Sanke Coffee is all coffee and nothing but coffee. Do as many physicians do and suggest it to patients who can't sleep because of the caffein in coffee. And try a cup yourself. You'll like it.

SANKA COFFEE



MAIL THE COUPON for a quarterpound can of Sanka Coffee—free/Sanka Coffee is real coffee. Only the caffein comes out... the flavor stays in. For Sanka at its best, follow directions carefully. A product of General Foods.

GENERAL FOODS, Battle Creek, Mich. B.S. 1 Please send me, free and without obligation a one-quarter-pound can of Sanka Coffee.			
Name	r-pound can or Sanka Course.		
Street	4. 1		
City	State State U. S. A.		

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ren a months. One doctor sent his patients a carelessly drawn sketch depicting a uniformed physician with bag in hand, rushing across the page toward the scene of exploding bombs. Crudely lettered were the words: "Off to war. Please stay well until I return." Another doctor topped off an otherwise excellent announcement with the boomerang line: "I would certainly appreciate your kind cooperation [by calling upon my substitute for medical carel. It will greatly aid in keeping shoes on my kiddies."

Most doctors using announcements have their cards printed on white stock; a panelled card is especially popular. Ordinarily, but not always, the message is written formally, in the third person. The arrangement, size and style of type, and similar details are generally best left to the discretion of the printer.

Who receives cards? Most doctors agree that every patient should receive them-even patients who have not been treated for years. A number of physicians are sending cards to their colleagues

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as well, the principal purpose of course being to prevent referrals to an absentee. -H. V. CORYELL

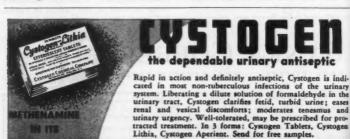
A Doctor Who Talks Turkey

[Continued from page 43]

\$10 to as high as \$500. Dr. Kuhn's breed of turkeys, a favorite in California, is known as the Mammouth Bronze.

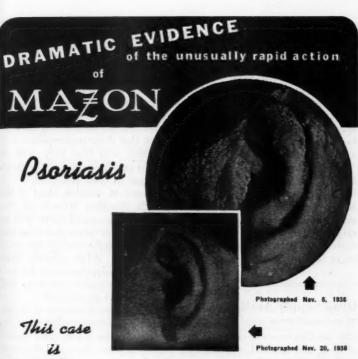
The master of Rancho El Ortanna believes he is eminently suited to turkey raising by train ing and experience as well as by inclination. He spent a number of years as an instructor in biology and zoology; and this, combined with his medical training, give him what rival turkey-farmers may feel is an unfair advantage.

During the time he has operated his ranch, Dr. Kuhn has had an opportunity to observe turkey cus toms and behavior at close range He scoffs at the widely held belief that cocks will fight only over co females. He says they will fight just for the hell of it. What's more unless they are separated, the will often battle until one is dead This explains why the flocks are



CYSTOGEN CHEMICAL CO., 190 BALDWIN AVE., JERSEY CITY, N

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tunical of .

Mazon, with its record of success in the treatment of obstinate skin conditions.

Mazon is quickly effective and brings soothing relief to the irritated areas.

Available through your druggist in: 34 oz., 1½ oz., and 3 ounce jars.

Mazon is anti-pruritic, anti-septic, and anti-parasitic. It is easy to apply and requires no bandaging.

Mazon often brings surprisingly rapid improvement where the lesions are not caused by or associated with systemic or metabolic disease.

Mazon is indicated in Eczema, Psoriasis, Alopecia, Ringworm, Dandruff, Athlete's Foot and other skin disorders.

BELMONT LABORATORIES CO. PHILADELPHIA, PA.

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customarily fenced off.

Dr. Kuhn has been forced to curtail activities on the ranch since the war began. Many of his hired hands have been drafted, and he can't find others to take their places, so he'll have to get along with fewer turkeys until the war is over. One consolation is the fact that the earlier profit of \$1 a bird has now risen to about \$2.

On Sundays and holidays, Dr. Kuhn's ranch, situated on a main highway, is crowded with visitors. Many come to buy his birds; others drop in just to look over the ranch and talk. This is all right with Dr. Kuhn. He says he's always ready to talk turkey.

-ANNA D. HUNT

Drug Supply Available

[Continued from page 41]

vise the Government on problems of drug and medical supplies and their distribution. It now appears, however, that most shortages were of a temporary nature. Largely because of new production, drugs which were hard to get last Spring and Summer are available today. This does not mean that there is an abundance of drugs and pharmaceuticals. Heavy demands for supplies by the armed forces and by other United Nations mean that civilian consumption will have to be restricted to essentials, probably for the duration. But it does mean that physicians can be confident that their prescriptions will be filled, and that they will be able to purchase most of the items they use in their practices.'

Francis M. Shields, chief of the Health Supplies Branch of the WPB, has promised there will be no general curtailment of drug and medicinal production. At the same time, other WPB officials have warned that supplies must be used sparingly to make sure there will be enough to go around.

As mentioned above, it is impossible to foresee what new demands will be made upon manufacturers when the war's demands grow more critical. Opening of a second front in Europe, which will call for huge shipments of supplies to battle areas, will unquestionably strain the capacities of many drug manufacturers to the

Xmas In The Professional Manner . . . Christmas Greeting Cards by Professional Printing Company are so designed that they are equally suitable for professional use as they are for social purposes. Dignified, warm in sentiment and artistically treated. There are three styles and three prices to choose from. Write for illustrated folder. AMERICA SLARGEST PRINTERS TO THE PROFESSIONS

DESITIN OINTMENT The External Cod-Liver Oil Thorapy

USED EFFECTIVELY IN THE TREATMENT OF

Wounds, Burns, Ulcers, especially of the Leg, Intertrigo, Eczema, Tropical Ulcer, also in the Care of Infants

Desitin Ointment contains Cod-Liver Oil, Zinc Oxide, Petrolatum, Lanum and Talcum. The Cod-Liver Oil, subjected to a special treatment which produces stabilization of the Vitamins A and D and of the unsaturated fatty acids, forms the active constituent of the Desitin Preparations. The first among cod-liver oil products to possess unlimited keeping qualities, Desitin, in its various combinations, has rapidly gained prominence in all parts of the globe.

Desitin Ointment is absolutely non-irritant; it acts as an antiphlogistic, allays pain and itching; it stimulates granulation, favors epithelialisation and smooth cicatrisation. Under a Desitin dressing, necrotic tissue is quickly cast off; the dressing does not adhere to the wound and may therefore be changed without causing pain and without interfering with granulations already formed; it is not liquefied by the heat of the body nor in any way decomposed by wound secretions, urine, exudation or excrements.



DESITIN POWDER

Indications: Minor Burns, Exanthema, Dermatitis, Care of Infants, Care of the Feet, Massage and Sport purposes.

Desitin Powder is saturated with cod-liver oil and does not therefore deprive the skin of its natural fat as dusting powders commonly do. Desitin Powder contains Cod-Liver Oil, (with the maximum amounts of Vitamins and unsaturated fatty acids) Zinc Oxide and Talcum.

Professional literature and samples for Physicians' trial will be gladly sent upon request.

Sole Manufacturer and Distributor in U. S. A.

DESITIN CHEMICAL COMPANY

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utmost. However, the picture for the next few months shapes up like this:

 There will be adequate supplies of most drugs and pharmaceuticals.

Packaging will be a real problem. Products formerly distributed in tins may appear in glass or paper containers. Cork and metal closures will disappear to a large extent.

Physicians will be called upon less frequently by detail men, who have been hit by the gasoline and tire shortage, and many of whom have been drafted.

Fewer samples will be available for distribution.

The shortages which reached their peak last Spring and Sum-

mer became less ominous as soon as domestic producers began to turn out items which formerly were produced exclusively abroad. The sudden loss of foreign sources of supply when the United States went to war meant temporary shortages of such drugs as atropine, scopolamine, ouabain, and digitonin. As with many another therapeutically important drug, the development of these items had been left to foreign houses because commercial production was uninviting to Americans. Now, however, domestic production has reached the stage where adequate supplies seem assured.

Other drugs were scarce temporarily because of unprecedented demands on the home front. One

strikingly effective in **PSORIASIS**

One has but to compare the skin condition before and after the use of RASOL to realize its striking effectiveness in treating psoriasis.

RIASOL offers a superior formula for the treatment of stubborn psoriatic lesions. Contains 0.45% mercury chemically combined with soaps, 0.5% phenol and 0.75% cresol in an oily emulsified liquid. Its low mercury content provides greater safety.

Easy to apply, non-staining and requiring no bandages, RIASOL invites patients' cooperation.



Before use of Riasol



After use of Riggel

Clinical tests show that it acts faster, is safer and greatly minimizes recurrences in most cases. Apply once daily, preferably before retiring, after bathing and drying skin thoroughly.

RIASOL is a strictly ethical product. Available at pharmacies or direct in 4 and 8 fld. oz. bottles.

MAIL COUPON FOR GENEROUS CLINICAL PACKAGE



Riasol PSORIASIS

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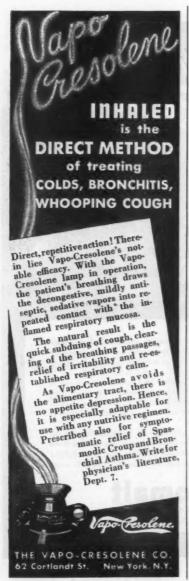
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example of this was the case of phenol and its derivatives. For a few months last Summer phenol, important in the manufacture of explosives, was extremely scarce in the civilian market because war plants consumed most of the existing supply. Phenol manufacturers have since stepped up production schedules, and new facilities have been developed, with the result that the situation has been eased considerably.

The sulfa drugs were in restricted supply last Summer because of heavy army and navy orders. Production has since been increased, so that there is now an adequate supply for civilian use.

A few products were temporarily scarce in the Eastern part of the United States because transportation facilities were jammed with war goods. Such items as borax and boric acid, which originate on the West Coast, were hard to get in Eastern States for a month or so. This problem has since been successfully attacked by the Office of Defense Transportation, which has ordered that space be provided for these essential shipments.

Substitutes are being found for most drugs which are controlled by enemy nations, and domestic production is being encouraged for those items which are likely to remain in short supply until the end of the war. For example, atabrine production has been increased 8,000 per cent to compensate for the loss of quinine, America's most serious drug shortage. Although chiefly effective against

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TO SPEED RECOVERY

The introduction of Aspirin by Bayer made the relief of muscular aches and pains a simple, effective and economical procedure.

For over 40 years Bayer-Tablets of Aspirin has been one of the most widely used therapeutic agents in the physician's armamentarium.

They are pure and disintegrate rapidly in the stomach.



Each tablet of Bayer Aspirin contains the full dosage of the pure drug.

We shall be glad to forward you professional samples of Bayer-Tablets of Aspirin on request.

BAYERASPIRIN

170 VARICK STREET

NEW YORK, N. Y.

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only one of the two types of malaria, its use is expected to release our stocks of quinine from doubleduty.

With the fall of the East Indies, Japan got control of virtually the only quinine-producing area in the world. Therefore the United States, which in the past consumed more than 3,500,000 ounces annually, will be unable to get substantial fresh supplies until the war ends. However, it has been estimated that there is between one and two years' supply on the shelves of dealers and in the homes of consumers. Moreover, the Defense Supplies Corporation before the war purchased 1,500,000 ounces of quinine, and enough cinchona bark from which to derive another 3.165.000 ounces.

There are a few scarce items for which there are no exact substitutes. For example, physicians will probably have to find some replacement for agar, the supply of which is principally controlled by the Japanese. It's thought there will be little agar available until after the war.

Botanicals formerly imported from abroad are now being grown in the Western Hemisphere, Belladonna, henbane, and valerian are among such items. There is an adequate supply of these drugs at present, but prices are high.

Incidentally, prices began to rise about two years ago, and during last Spring and Summer, jumped precipitously in some instances. One manufacturer estimates that prices are about 50 per cent higher for imported items today than they were two years ago. Last Spring vitamin A cost six or seven times as much as it did the year before. Prices of opium and alcohol have risen sharply. However, most manufacturers report that the present tendency is for prices to level off, although they will probably remain high for the duration.

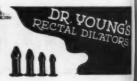
The overall situation of potential if not actual shortages has prompted the American Medical Association to warn physicians against waste of drugs. It also has been pointed out that bathroom closets throughout the country are stocked with items which are scarce today. Some estimates place the bathroom supply as equivalent to two years production for some items. Accordingly, physicians are being cautioned not to prescribe larger amounts than are deemed essential.

Shortages of packaging materials worry many manufacturers more than shortages of drugs. Metal is increasingly difficult to obtain. As

NEURESTHENIA ~ NERVOUSNESS

is often effectively treated mechanically with DR. YOUNG'S RECTAL DILATORS

Tight or pastic spiniter mucles often cause an upset of the paragraphshetic nerrous function. Dilation with Dr. Young's Rectal Dilators often restores normal lowed movement and consequent relief. Set consists of 4 graduated bakelite dilators at \$3.75 per set of 4.05-tain at year pharmacy or surgical supply dealer. Write for brochure. F. E. YOUNG & CO., 410 E. 75th St., Chicago





In the Pneumonias, Especially

In lobar and bronchopneumonia it frequently becomes imperative to control restlessness and delirium without depressing the respiratory center or interfering with oxygenation of the blood. In these conditions, Bromidia possesses the unique advantage of safely providing sedation or hypnosis—as desired—without interfering with these vital functions.

Bromidia contains chloral hydrate, potassium bromide and hyoscyamus, and because of its liquid form is adaptable to a wide range of dosage. With it, any degree of sedation or hypnosis can be achieved with a minimum of side effects.

In cardiac conditions, too, where excessive respiratory depression must be avoided, Bromidia may justifiably be the hypnotic of choice. It is also valuable in achieving relaxation and sleep when nerve strain or emotional upheavals make these impossible.

BATTLE & COMPANY . ST. LOUIS, MO.

BROMIDIA [BATTLE]

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a result there is a definite trend toward greater use of glass and paper containers. It may not be long before items commonly packed in tins, such as aspirin, borax, boric acid, sodium sulphate, and sulphur, will appear on the market

in paper containers.

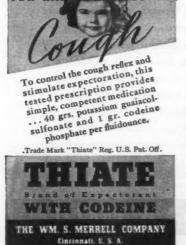
Most manufacturers are confident that they will be able to continue to get the tin they need to pack such products as ointments in tubes. A WPB order restricting the use of 100 per cent tin last Spring exempted containers for products compounded by pharmacists from prescriptions written by physicians. A supplementary order made adequate supplies of partial-tin containers available for the packing of other drug and pharmaceutical supplies.

Some manufacturers expect to use glass containers more and more as metal shortages continue. They point to a recent survey by the Glass Container Association of America which concluded that glass manufacturers can produce 21 per cent more glass than at present, without enlarging facili-

Closures are a special problem, Acute shortages of tin and cork have led many manufacturers to rely more heavily than before upon plastic materials. Scores of packaging expedients have been reported during the past few months, including new types of plastic jars, collapsible, heavyweight paper tubes, etc. However, some of them will not be ready for commercial use until 1944.

Meanwhile, there is a trend towards standardization of packages already in use. For example, some manufacturers report that exceptionally large containers probably will have to be dispensed with, and at least one manufacturer has pointed out that the dime-store package has become a major headache. Although these small sizes sell in huge volume, more packing material per unit of the product is required. Average, medium sizes probably will be most commonly used if acute container shortages develop.

Almost all manufacturers report that shortages have forced them to discontinue pre-war methods of sampling. A great many have withdrawn sample offers from adver-



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Many physicians choose Unquentine* for minor burns, especially of the face, hands and jointed areas of the body, where scar tissue and its effects must be minimized.

Generations of clinical experience with Unguentine have written an enviable record of prompt healing, usually without a scar.

*REG. U. S. PAT. OFF.

Unguentine is protective, analgesic, antiphlogistic, antiseptic and germicidal in the treatment of abrasions, lacerations and other denuded areas of the skin, as well as burns.

Sample free to physicians on request.

The Norwich Pharmacal Co., 62 Eaton Ave., Norwich, N. Y.



UNGUENTINE



ONE is the complacence with which (too frequently) menstrual irregularities used to be dismissed as mere evidences of "feminine frailty." Today, functional expression which passes the borderline of physiologic limits is recognized as often amenable to effective symptomatic therapy.

For such purpose, Ergoapiol (Smith) constitutes a highly efficient emmeno-gogue. Its unique inclusion of all the alkaloids of ergot (prepared by hydro-alcoholic extraction) assures a balanced action—synergized by the presence of apiol (M. H. S. Special), oil of savin, and aloin. By helping to induce pelvic hyperemia, and stimulating smooth, rhythmic uterine contractions, Ergoapiol often provides welcome relief.

It also constitutes a desirable hemostatic agent to aid in the control of excessive bleeding. And as an oxytocic, it is frequently of benefit in facilitating involution of the cost artum uterus.

For a full discussion, send for copy of the booklet "The Symptomatic Treatment of Menstrual Irregularities."

Indications: Amenorrhea, dysmenorrhea, menorrhagia, metrorrhagia, in obstetrics.

Desage: I to 2 capsules 3 to 4 times daily.

Supplied: In athical packages of 20 capsules.

MARTIN H. SMITH CO.

ERGOAPIOL

THE PREFERRED UTERINE TONIC

tising, both periodical and directmail. Others are sending samples only when specifically requested by physicians. At least one manufacturer makes it plain that the sample he is sending is a regular shelf product, and that samples as such have been discontinued for the duration.

Many manufacturers are cutting down the size of samples. One concern still offers samples of products whose use shows quick results, but has discontinued sampling such items as tonics, which must be taken over a long, continued period in order to show results. Another has begun to charge 10 cents for samples which were formerly distributed gratis. Many manufacturers have discontinued sampling of products whose in gredients are scarce.

Physicians probably won't see as much of detail men as they did before the war. Many manufacturers have cut their detail staff. Furthermore, detail men still on the job are carrying fewer samples with them. Detail staffs were hit hard when gasoline and tires were rationed; and the draft likewise has recently been making deep in roads.

The prospect for the immediate future is that detailers will concentrate on visits to doctors in metropolitan areas, where transportation is less of a problem. Physicians in rural areas will probably not be called upon, while M.D.'s in small towns will be visited only rarely.—CEORGE B. FRITT

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* Archer, B. J.: "The Diagnosis and Treatment of Acute and Chronic Arthritis," Med. Rec., 514-517, June, 1936

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Fauley, G. B.; Freeman, S.; IFY, A. C.; Atkinson, A. J., and Wigodsky, H. S.: Aluminum Phosphate in the Therapy of Peptic Ulcer, Arch. Int. Med. 67: 563-578 (March) 1941.



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